#### 6 Zones Mixer Amplifier with Mp3

## TI-1206S/TI-2406S/TI-3506S/TI-5006S



### Features TI-1206S/TI-2406S/TI-3506S/TI-5006S

- \* 4 Channel Microphone and 2 line input, treble and bass can be controlled separately .
- \* 6 Channel Partition output, and partition volume independent control.
- \* Built in bell. Bell tone optional: 4 tones and 2 tones (built-in), alarm generator.
- \* Mp3 decoding module supports usb/sd/bluetooth/fm radio playback function. With the MP3 remote control, support power off memory function, MIC recording function.
- \* When the alarm generator starts, background music will be closed and6 partition output will automatically open to maximum output volume.
- \* Built in 24V DC power input.
- \* Mic1- 4 built-in 48V phantom power supply, and switch can be independently controlled.
- \* T-216 partition control microphone can remotely control partition output, and it can be cascaded up to 6 units.
- \* Audio input with independent control on tone control and total volume control.
- \* A variety of indicator lights (signal, the top of the roof, to protect the LED indicator)
- \* Using fan forcible cooling structure, allowing the machine to work for a long time.
- \* There are 5 priority functions:

The first level EMC priority: when input the EMC alarm signal, all the sound source will be turn off, and the 6 Channel partition output will automatically open.

Second level: tel/rem mic override mic1-4, line1-2 and bell tone.

Third level: built-in alarm generator override bell sound, mic1-4, line1-2, 6 partition output will automatically open.

Fourth level: built-in bell tone override mic1-4, line1-2.

Fifth level: built-in mic1 override mic2-4, line1-2.

\* Constant voltage output: 70V, 100V, rated resistance output: 4-16  $\Omega$ .

#### Specifications

| Amplifier   Section (THD 1%)   120W(RMS)   240W(RMS)   350W(RMS)   500W(RMS)   500W(RMS)   100W   100W   5peaker Zone 1~5   25W MAX   50W MAX   70W MAX   85W MAX   100W Mic Input   1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Model                                   |                       | TI-1206S                | TI-2406S | TI-3506S | TI-5006S |
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| Section (Load   Speaker Zone 1~5   25W MAX   50W MAX   70W MAX   85W MAX   100V   0utput   0utput   Section (Mic 1~4   In@1KHz)   Frequency Response (±3dB)   Tone Control (Bass: 100Hz, Treble:10KHz)   Phantom Power   + 48V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Amplifier                               | Rated Output Power    |                         |          |          | -        |
| (Load 100V Output)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         |                       | - ( -,                  | - ( - /  |          |          |
| 100V                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | (Load                                   |                       | 25W MAX                 | 50W MAX  | 70W MAX  | 85W MAX  |
| Output   Mic Input   Sensitivity/Impedance   Sensit | -                                       | '                     |                         |          |          |          |
| Section (Mic 1~4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Output)                                 | ·                     |                         |          |          |          |
| (Mic 1~4   S/N Ratio   Better than 75dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Mic Input                               | Input                 | 5mV 600Ω/350mV 10KΩ BAL |          |          |          |
| In@1KHz    Frequency Response (±3dB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Section                                 | Sensitivity/Impedance |                         |          |          |          |
| (±3dB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (Mic 1~4                                | S/N Ratio             | Better than 75dB        |          |          |          |
| Tone Control (Bass:100Hz, Treble:10KHz)   Phantom Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | In@1KHz)                                | Frequency Response    | 80Hz~16KHz              |          |          |          |
| (Bass:100Hz, Treble:10KHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         | (±3dB)                |                         |          |          |          |
| Treble:10KHz    Phantom Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         | Tone Control          | ±10dB                   |          |          |          |
| Phantom Power                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                                         | (Bass:100Hz,          | + 48V                   |          |          |          |
| Line Input   Section   Sensitivity/Impedance   S/N   Better than 80dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                         | Treble:10KHz)         |                         |          |          |          |
| Section (Mic 1~2   S/N   Better than 80dB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                         | Phantom Power         |                         |          |          |          |
| Mic 1~2                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Line Input                              | Input                 | 350mV/47KΩ              |          |          |          |
| Trequency Response (±3dB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Section                                 | Sensitivity/Impedance |                         |          |          |          |
| (±3dB)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | (Mic 1~2                                | S/N                   | Better than 80dB        |          |          |          |
| Tone Control (Bass: 100Hz,Treble:10KHz)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | In@1KHz)                                | Frequency Response    |                         |          |          |          |
| Tel Audio   Input   0.775V/10KΩ                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                         | (±3dB)                |                         |          |          |          |
| Tel Audio Input Sensitivity/Impedance S/N Better than 75dB Frequency Response (±3dB)  EMC Audio Input Sensitivity/Impedance Input Sensitivity/Impedance Input Sensitivity/Impedance Input S/N Frequency Response (±3dB)  Pre Amp Out(Mic 1~4, Line 1~2, Tel In, Remote In)  Remote MIC Sensitivity/Impedance THD Less than 0.1% at 1KHz, 1/3 rated power Power Supply Power Consumption 180W 320W 500W 750W Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                         | Tone Control (Bass:   |                         |          |          |          |
| Input   Sensitivity/Impedance   S/N   Better than 75dB     Frequency Response (±3dB)   50Hz~16KHz     Audio   Sensitivity/Impedance     Input   S/N   Better than 75dB     Frequency Response (±3dB)   Frequency Response (±3dB)     Pre Amp Out(Mic 1~4, Line 1~2, Tel In, Remote In)     Remote MIC Sensitivity/Impedance   775mV/10KΩ     THD   Less than 0.1% at 1KHz, 1/3 rated power     Power Supply   ~110-230V   50/60Hz & DC 24V     Power Consumption   180W   320W   500W   750W     Weight   6.5Kg   7.1Kg   7.8Kg   8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         | 100Hz,Treble:10KHz)   |                         |          |          |          |
| S/N  Frequency Response (±3dB)  EMC  Audio  Sensitivity/Impedance  Input  S/N  Better than 75dB  Frequency Response (±3dB)  Frequency Response (±3dB)  Frequency Response (±3dB)  Pre Amp Out(Mic 1~4, Line 1~2, Tel In, Remote In)  Remote MIC Sensitivity/Impedance  THD  Less than 0.1% at 1KHz, 1/3 rated power  Power Supply  ~110-230V  50/60Hz & DC 24V  Power Consumption  180W  320W  500W  750W  Weight                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Tel Audio                               | Input                 | 0.775V/10ΚΩ             |          |          |          |
| Frequency Response (±3dB)  EMC Input 0.775V/10KΩ  Audio Sensitivity/Impedance Input S/N Better than 75dB  Frequency Response (±3dB)  Pre Amp Out(Mic 1~4, Line 1~2, Tel In, Remote In)  Remote MIC Sensitivity/Impedance  THD Less than 0.1% at 1KHz, 1/3 rated power  Power Supply ~110-230V 50/60Hz & DC 24V  Power Consumption 180W 320W 500W 750W  Weight 6.5Kg 7.1Kg 7.8Kg 8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Input                                   | Sensitivity/Impedance |                         |          |          |          |
| EMC                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                         | S/N                   |                         |          |          |          |
| EMCInput $0.775V/10KΩ$ AudioSensitivity/ImpedanceInputS/NBetter than 75dBFrequency Response ( $\pm 3dB$ ) $80Hz^{\sim}16KHz$ Pre Amp Out(Mic 1~4, Line 1~2, Tel In, Remote In) $1V/600Ω$ Remote MIC Sensitivity/Impedance $775mV/10KΩ$ THDLess than $0.1\%$ at $1KHz$ , $1/3$ rated powerPower Supply $^{\sim}110-230V$ $50/60Hz$ & DC $24V$ Power Consumption $180W$ $320W$ $500W$ $750W$ Weight $6.5Kg$ $7.1Kg$ $7.8Kg$ $8.9Kg$                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |                       |                         |          |          |          |
| Audio<br>InputSensitivity/ImpedanceBetter than 75dBFrequency Response<br>(±3dB)80Hz~16KHzPre Amp Out(Mic 1~4, Line 1~2, Tel<br>In, Remote In)1V/600ΩRemote MIC Sensitivity/Impedance775mV/10KΩTHDLess than 0.1% at 1KHz, 1/3 rated powerPower Supply~110-230V50/60Hz & DC 24VPower Consumption180W320W500W750WWeight6.5Kg7.1Kg7.8Kg8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | FMC.                                    | , ,                   | 0.775V/10ΚΩ             |          |          |          |
| Input  S/N  Frequency Response (±3dB)  Pre Amp Out(Mic 1~4, Line 1~2, Tel In, Remote In)  Remote MIC Sensitivity/Impedance  THD  Less than 0.1% at 1KHz, 1/3 rated power  Power Supply  Power Consumption  180W  320W  7.1Kg  7.8Kg  8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                         |                       |                         |          |          |          |
| Frequency Response (±3dB)  Pre Amp Out(Mic 1~4, Line 1~2, Tel In, Remote In)  Remote MIC Sensitivity/Impedance 775mV/10KΩ  THD Less than 0.1% at 1KHz, 1/3 rated power  Power Supply ~110-230V 50/60Hz & DC 24V  Power Consumption 180W 320W 500W 750W  Weight 6.5Kg 7.1Kg 7.8Kg 8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                         | , ,                   | Better than 75dB        |          |          |          |
| (±3dB)Pre Amp Out(Mic 1~4, Line 1~2, Tel In, Remote In)In, Remote In)1V/600ΩRemote MIC Sensitivity/Impedance775mV/10KΩTHDLess than 0.1% at 1KHz, 1/3 rated powerPower Supply~110-230V 50/60Hz & DC 24VPower Consumption180W 320W 500W 750WWeight6.5Kg 7.1Kg 7.8Kg 8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                         |                       |                         |          |          |          |
| In, Remote In)       Remote MIC Sensitivity/Impedance 775mV/10KΩ         THD       Less than 0.1% at 1KHz, 1/3 rated power         Power Supply       ~110-230V 50/60Hz & DC 24V         Power Consumption       180W 320W 500W 750W         Weight       6.5Kg 7.1Kg 7.8Kg 8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                         |                       |                         |          |          |          |
| In, Remote In)       Remote MIC Sensitivity/Impedance 775mV/10KΩ         THD       Less than 0.1% at 1KHz, 1/3 rated power         Power Supply       ~110-230V 50/60Hz & DC 24V         Power Consumption       180W 320W 500W 750W         Weight       6.5Kg 7.1Kg 7.8Kg 8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | , ,                                     |                       | 1V/600Ω                 |          |          |          |
| Remote MIC Sensitivity/Impedance775mV/10KΩTHDLess than 0.1% at 1KHz, 1/3 rated powerPower Supply~110-230V50/60Hz & DC 24VPower Consumption180W320W500W750WWeight6.5Kg7.1Kg7.8Kg8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | , , , , , , , , , , , , , , , , , , , , |                       |                         |          |          |          |
| THD         Less than 0.1% at 1KHz, 1/3 rated power           Power Supply         ~110-230V 50/60Hz & DC 24V           Power Consumption         180W 320W 500W 750W           Weight         6.5Kg 7.1Kg 7.8Kg 8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | ·                                       |                       | 775mV/10KΩ              |          |          |          |
| Power Supply         ~110-230V         50/60Hz & DC 24V           Power Consumption         180W         320W         500W         750W           Weight         6.5Kg         7.1Kg         7.8Kg         8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | THD                                     |                       | -                       |          |          |          |
| Power Consumption         180W         320W         500W         750W           Weight         6.5Kg         7.1Kg         7.8Kg         8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Power Supply                            |                       |                         |          |          |          |
| Weight         6.5Kg         7.1Kg         7.8Kg         8.9Kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Power Consumption                       |                       | 180W                    | 320W     | 500W     | 750W     |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Weight                                  |                       | 6.5Kg                   | 7.1Kg    | 7.8Kg    | 8.9Kg    |
| Dimensions 484x310x88 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |                                         |                       | 484x310x88 mm           |          |          |          |

# Rear Panel TI-1206S/TI-2406S/TI-3506S/TI-5006S

