



# Line Detection Amplifier

## T-240MX



### Feature

- \* Standard 19-inch cabinet design with a height of 2U.
- \* Desktop installation.
- \* Adopt high-efficiency Class H amplifier design, support 240W output power;
- \* One MIC input, one LINE input, one AUX input, one LINE alarm input, two remote MIC inputs and one LINE output; treble and bass control, independent volume control, and master volume control;
- \* Support 5-zone line detection function, press the corresponding key to detect instantaneously; set to detect once every 100 seconds, 15 minutes, or 12 hours. When a line failure occurs, a buzzer will sound and the failure output will be short-circuited.
- \* Support amplifier output with LED level indication;
- \* Support DC24V backup power input and built-in charging function, the battery capacity is 45-60 Ah, and the charging current is 2-5A;
- \* Designed with MP3 function module and LCD display, it can play TF card, U disk MP3, WMA, APE, FLAC, WAV, AAC and other file formats, and can display music names. Configure MP3 remote control, support power-off memory function and MIC recording function, support optional recording signal, internal signal input and external signal;
- \* When START and GND are triggered, the emergency message will be played until it is manually disconnected; when L2-AL. and GND are triggered, the LINE alarm 2 input will be played until it is manually disconnected;
- \* Priority input function: built-in emergency message>LINE alarm 2 input>REMOTE>MIC1>LINE1/AUX/MP3;
- \* The auxiliary DC24V output current is 0.5A;
- \* With built-in alarm generator and TF card, you can change the voice message by yourself;
- \* The automatic voltage limit function of the amplifier protects the speaker from burning out due to excessive electricity.
- \* 5 remote microphones can be connected for zone control function.

### Specification

Rated power	240W
Speaker output	100V
Input sensitivity/impedance	MIC 1,: 5mV/600Ω, unbalanced 6.3 connector; AUX 1, 2: 350mV/10KΩ, unbalanced RCA input
Output sensitivity/impedance	MIX OUT: 1000mV/470Ω, unbalanced RCA input
Tone	ass: ±10dB at 100Hz, Treble: ±10dB at 10KHz
Frequency response	50Hz~16KHz( +1dB, -3dB)
SNR	MIC 1,: 66dB, AUX 1, 2: 80dB
THD	< 0.5% at 1KHz, 1/3 rated power
Mute function	Built-in emergency message>LINE alarm 2 input>REMOTE>MIC1>LINE1/AUX/MP3
Channel crosstalk attenuation	≤50dB
Audio format	Mp3
Maximum capacity	32G USB
Battery	45-60 A/h
Charging current	≤5 A
Zone quantity	5
Heat dissipation	When the temperature reaches 55°C, the fan will automatically accelerate
Protection	High temperature, over load, short circuit



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<b>Power supply</b>	~110V/60Hz or ~230V/50Hz /DC24V
<b>Power consumption</b>	380W
<b>Weight</b>	7.5kg
<b>Dimension</b>	484x358x88mm
<b>Material</b>	Panel: aluminum composite panel, steel plate, black