

Multi-functional Mixing Amplifier solution for smaller commercial applications

Innovative feature set includes mixing amp with microphone input and Bluetooth®



For more details ▶

INPUT	MIC/LINE	LINE ×2	Bluetooth®	OUTPUT	SPEAKER	[High-impedance 240W×1ch 100V/70V] [Low-impedance 120W×2ch @4Ω / 8Ω]	LINE OUT [Cascadable]
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All-in-one Amplification / Mixer

Onboard Bluetooth® Receiver

The MA-BT240 makes it simple to stream music wirelessly with its built-in Bluetooth® receiver. The Bluetooth® antenna is mounted on the front panel for stable wireless reception. You can also extend the antenna with commercially-available RP-SMA wire, allowing you to place it in the optimal position for your specific space.*

*Maximum extension possible is approximately 20m

Built-in Mixer with Mic and Line Inputs

In addition to Bluetooth® connectivity, the MA-BT240 is equipped with a switchable Mic/Line input with ducking function, as well as two additional line inputs for external audio players. Each input can be mixed with dedicated knobs on the front panel, with Signal and Peak indicator lights to help you optimize signal levels at a glance.

EQ and High Pass Filter on Output

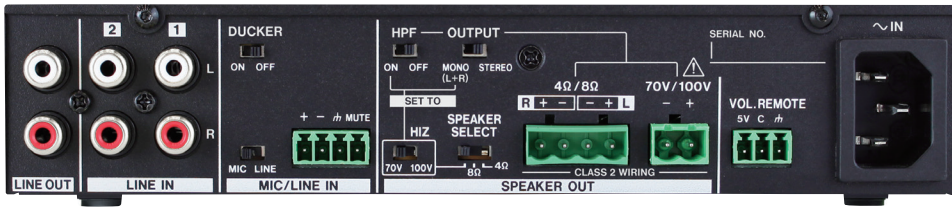
The MA-BT240 makes it easy to optimize your audio for the acoustics of your space. The output features a dedicated high pass filter to avoid distortion with high-impedance systems, as well as Treble and Bass boost/cut controls to fine-tune the sonic response of your system. Output can also be switched between Stereo and Mono operation to adapt to your speaker system configuration.

Ready for low- and high-impedance speaker systems Reliable Class D Amplification

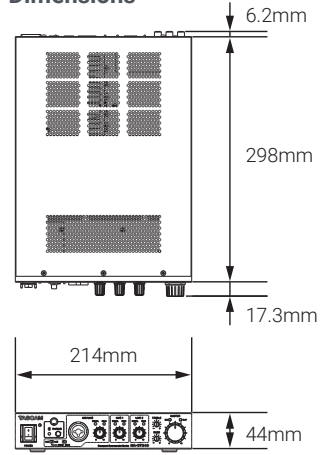


Highly efficient Class D amplification gives the MA-BT240 high output for its compact size. Delivering an impressive output of 120W x 2ch @ 4Ω/8Ω for low-impedance systems, and 240W x 1ch @ 100V/70V for high-impedance systems, the MA-BT240 delivers plenty of power for moderate commercial spaces.

MA-BT240



Dimensions



Additional Features

External Volume Controllers Supported

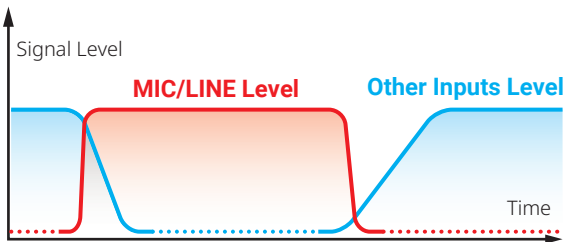
The MA-BT240 is easy to install in commercial spaces wherever it's practical, with support for external volume controllers to put system control where you need it.

Line Output for Expanding Your Speaker System

A line output makes it easy to create additional zones for your system by cascading the MA-BT240 to other amplifiers.

Mic Input With Paging Function

The MA-BT240 is ideal for schools and facilities that require broadcast calls and business communications. The Mic/Line input features a paging function that mutes all other inputs during announcements.

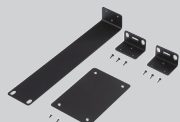


Compact 1U Half-rack Size

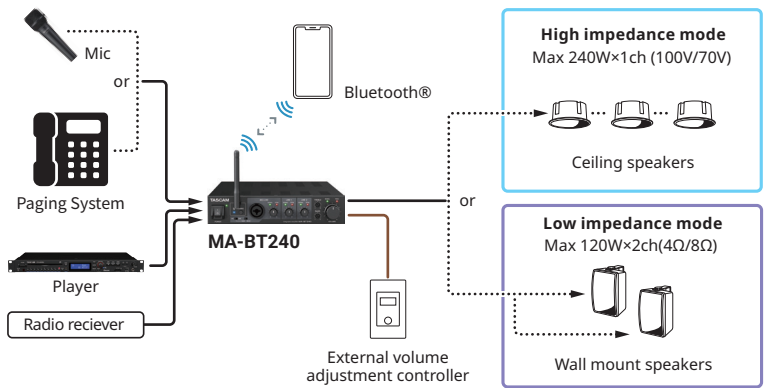
With its compact half-rack size, the MA-BT240 is space-efficient even when simply placed on a desktop. The optional AK-RM05 or AK-RS1 rack kit (sold separately) allows you to mount the MA-BT240 in any standard equipment rack.

Optional Items

- Rack-mount Kit **AK-RM05**
- 1U Rack-mountable Shelf **AK-RS1**



All-in-one Amplification System for Small-scale Applications



Specification		
Speaker output ratings	Hi-z	Rated output 240 W x 1 ch (70V/100V) 42Ω or higher (100V), 21Ω or higher (70V)
	Lo-z	Rated output 120W x 2 ch 4Ω or higher, 8Ω or higher
	Connector	Euroblock 5.08 mm pitch
Analog audio Input	MIC/LINE IN(Front)	XLR/TRS Combo jack (Balanced)
	MIC/LINE IN (Rear)	Euro Block (Balanced) 3.81mm-pitch (4pin)
	LINE IN 1-2 (Rear)	RCA pin jacks (Unbalanced)
Analog audio Output	LINE OUT	RCA pin jacks (Unbalanced)
Bluetooth®	Version 5.1, Class 2*1	
External control	Euro Block 3.81 mm-pitch 3pin (1.Vcc 5v, 2.Control, 3.GND)	
Power	AC100V-120V, 50/60Hz(North America), AC220-240V, 50/60Hz(Europe)	
Power consumption	Rated 58W, Idle 18W	
Dimensions/Weight	214(W)×44(H)×298(D)mm*2 / 2.5kg	
Included	MA-BT240 ×1, Power cord ×1, Bluetooth Antenna ×1, Euroblock plugs, Cable nand kit ×1, Foot parts ×4 TASCAM ID registration guide ×1, Start-up Guide(including warranty)	
Audio performance		
Frequency response	20 Hz to 20 kHz +2 dB/-2 dB (LINE IN 1 to SPEAKER OUT, 1/8 rated output, TREBLE/BASS flat)	
Distortion	0.05% or less (LINE IN 1 to SPEAKER OUT, 1kHz, at 1/8 rated output)	
S/N ratio	90dB or more (LINE IN 1 to SPEAKER OUT, 1kHz, at rated output)	
Crosstalk	70dB or more (LINE IN 1 to SPEAKER OUT, 1kHz, at rated output)	

*1 About 10m unobstructed transmission distance. *2 Excluding protrusions and Bluetooth antenna.

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