

TASCAM

MA-BT240

240-Watt Mixing Amplifier



Powerful Background Music, Announcements and More
Sound Reinforcement the Easy Way

The MA-BT240 is a versatile mixing amplifier designed for sound distribution, presentations and announcements in smaller commercial environments.

Combining amplification for both low- and high-impedance loudspeaker systems with a microphone input, two line-level inputs and a Bluetooth receiver for wireless audio streaming, it is an ideal choice for restaurants, retail stores, institutions, waiting rooms and similar locations.

Specifications

Audio inputs

Mic/line inputs (MIC/LINE IN)	Front: XLR/TRS combo jack (balanced) Rear: 4-pin Euroblock connector (balanced, 3.81 mm pitch)
MIC selected	
Maximum input level	-30 dBu
Minimum input level	-65 dBu
Input impedance	$\geq 2 \text{ k}\Omega$
LINE selected	
Maximum input level	+20 dBu
Nominal input level	+4 dBu
Input impedance	$\geq 10 \text{ k}\Omega$
Line inputs (LINE IN 1 / LINE IN 2)	RCA pin jacks (unbalanced)
Maximum input level	+6 dBV
Nominal input level	-10 dBV
Input impedance	$\geq 10 \text{ k}\Omega$

Audio outputs

Line outputs (LINE OUT)	RCA pin jacks (unbalanced)
Maximum output level	+6 dBV
Nominal output level	-10 dBV
Output impedance	200 Ω

Loudspeaker outputs

High-impedance output	2-pin Euroblock connector (5.08 mm pitch)
Rated output	1 × 240 W (70 V / 100 V)
Composite impedance	100 V: $\geq 42 \text{ }\Omega$ 70 V: $\geq 21 \text{ }\Omega$
Low-impedance output	4-pin Euroblock connector (5.08 mm pitch)
Rated output	2 × 120 W (4 Ω or 8 Ω , 1 kHz, 1 % THD)
Load impedance	4 Ω / 8 Ω (selectable)

Other inputs/outputs

Remote output volume adjustment	3-pin Euroblock connector (3.81 mm pitch) (1: Vcc 5 V, 2: Control, 3: GND)
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Bluetooth

Version	5.1
Output class	Class 2 (approx. 10 m unobstructed transmission range)
Supported profiles	A2DP, AVRCP
Codecs	SBC, AAC

Power supply and other specifications

Power supply	Model for Europe: AC 220–240 V, 50/60 Hz
Cooling method	Natural air cooling
Guaranteed operating temperature range	0–40 °C
Guaranteed operating humidity range	5–85% (no condensation)
Power consumption	Rated: 58 W (1/8 W output, 1 kHz sine wave, 4 Ω) Idle: 18 W
Dimensions (W × H × D)	214 mm × 44 mm × 298 mm (excluding protrusions and Bluetooth antenna)
Weight	2.5 kg

Design and specifications subject to change without notice.

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