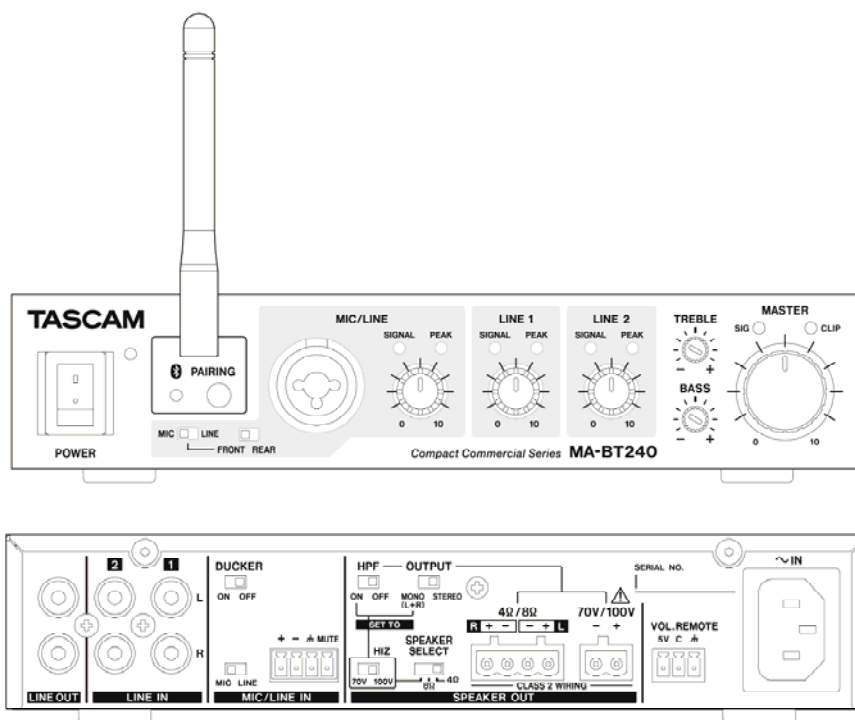


Product Spec Sheet **MA-BT240** INSTALLATION AMPLIFIER



■ Specifications/rated values

Speaker output

High impedance

Rated output : 240 W × 1 ch (70 V/100 V)

Composite impedance

When 100V output voltage : 42 Ω or higher

When 70V output voltage : 21 Ω or higher

Connector : 5.08mm pitch (2 pin) Euroblock

Low impedance

SPEAKER SELECT: 4 Ω

Load impedance : 4 Ω or higher

Rated output : 120 W × 2 ch (4 Ω @ 1kHz, 1%THD)

SPEAKER SELECT: 8 Ω

Load impedance : 8 Ω or higher

Rated output : 120 W × 2 ch (8 Ω @ 1kHz, 1%THD)

Connector : 5.08mm pitch (4 pin) Euroblock

Inputs

Mic/line inputs (MIC/LINE IN)

Connectors

Front : Combo jack (balanced)¹

Rear : 3.81mm pitch (4 pin) Euroblock (balanced)

MIC selected

Maximum input level	: -30 dBu
Minimum input level	: -65 dBu
Input impedance	: 2k Ω or more

LINE selected

Maximum input level	: +20 dBu
Nominal input level	: +4 dBu
Input impedance	: 10k Ω or more

Line inputs (LINE IN 1/LINE IN 2)

Connectors	: RCA pin jacks (unbalanced)
Maximum input level	: +6.0 dBV
Nominal input level	: -10.0 dBV
Input impedance	: 10k Ω or more

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	: 92 dB or more (LINE IN 1 to SPEAKER OUT, 1kHz, at rated output)
Crosstalk	: 70 dB or more (LINE IN 1 to SPEAKER OUT, 1kHz, at rated output)

Outputs**Line outputs (LINE OUT)**

Connectors	: RCA pin jacks (unbalanced)
Maximum output level	: +6.0 dBV
Nominal output level	: -10 dBV
Output impedance	: 200 Ω

Bluetooth®

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

External control**(VOL. REMOTE connector for output volume adjustment)**

Connector	: 3.81mm pitch (3 pin) Euroblock (1: Vcc 5V, 2: Control, 3: GND)
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Other

Power supply	
Model for Europe.	: AC 220-240 V, 50/60 Hz
Model for USA/Canada.	: AC 100-120 V, 50/60 Hz
Cooling method	: Natural air cooling
Guaranteed operating	
temperature range	: 0°C - 40°C
humidity range	: 5% - 85% (no condensation)
Power consumption	: 58 W (1/8 power @ all channels driven)
When idle	: 18 W

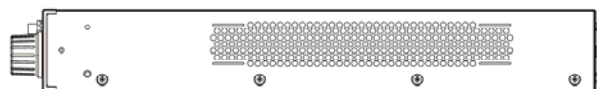
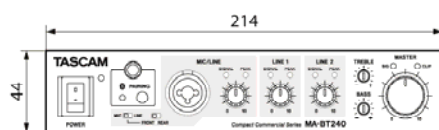
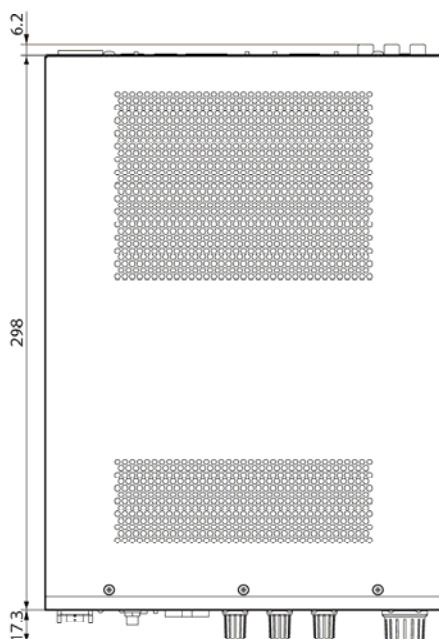
Dimensions : 214 (W) × 44 (H) × 298 (D) mm
 (excluding protrusions and Bluetooth antenna)

Weight : 2.5 kg

1: XLR-3-31 equivalent (1: GND, 2: HOT, 3: COLD), 6.3mm (1/4") standard TRS jack (Tip: HOT, Ring: COLD, Sleeve: GND)
 2: Transmission distance is an estimate. The transmission distance may vary depending on the surrounding environment and radio wave conditions.

- 0 dBu = 0.775 Vrms
- 0 dBV = 1 Vrms

■ Dimensional drawings



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