

# TASCAM®

## MULTI-ZONE AUDIO MIXER **MZ-123BT**

 Bluetooth®


# Compact Bluetooth-enabled mixer

assigns background music and announcements to 3 Zones  
for audio system in small-scale facilities

MIC Inputs

x2

Combo jack/  
Euroblock  
switchable

Euroblock

LINE Inputs

x3

RCA

RCA

AUX  
(Stereo mini)

LINE Outputs

x3

Euroblock

Euroblock

Euroblock

Mono/Stereo switchable

+48V Phantom Power  
x2

Talkover  
function

Bluetooth®/  
AUX switchable



## A tri-zone mixer with Bluetooth/MIC/LINE inputs

The MZ-123BT is a compact 1U multi-channel, multi-zone professional installation mixer that provides versatile routing, mixing and distribution of up to three channels of music and announcements for a wide range of commercial applications, including retail, restaurants, bars, cafes, hotels, or any environment that requires independent audio routing and announcement capabilities. Featuring a simple, intuitive layout for ease of operation, the Bluetooth-enabled MZ-123BT comes equipped with 2 versatile mic inputs and automatic attenuation of background music for superior intelligibility during announcements or paging.



**ZONE 1**  
for example...  
**POP music**  
in cafe area



**ZONE 2**  
for example...  
**Classical music**  
in main dining



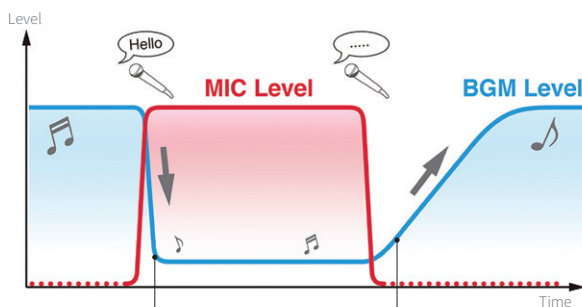
**ZONE 3**  
for example...  
**Announcement**  
in kitchen

### Main Features

- 2 MIC Inputs (+48V Phantom Power)
  - MIC 1
  - MIC 2
- 3 LINE Inputs
  - CH1
  - CH2
  - CH3
- Type of EQ and Filters
- Talkover setting items
- MONO/STEREO selectable Outputs
- Zone-selectable Monitoring Headphone Output

### Talkover function for Voiceover Clarity During Announcements

The Talkover function automatically detects mic signal input during audio playback and attenuates background music levels in the desired Zone for optimal intelligibility during announcements. Back panel adjustment of Mic Threshold Level and Timing (release time) allows smooth restoration of background music to pre-set levels.



Background music level is automatically decreased when incoming MIC signal is detected. (Threshold level is adjustable)

Background music level is automatically resumed after the announcement finishes. (Release time is adjustable)



### Specifications

#### Analog audio inputs

- MIC (Front): 1 (Balanced, Combo jack)
- MIC (Rear): 1-2 (Balanced, Euroblock 3.81mm pitch)
- LINE (Rear): 1-2 (Unbalanced, RCA)
- AUX (Front): 1 (Unbalanced, 1/8" Stereo mini jack)

#### Analog audio outputs

- LINE: x 3 pairs (Balanced, Euroblock 3.81mm pitch)
- PHONES: x 1 (1/4" Stereo jack)

#### Bluetooth®

- Version: Version 4.2
- Supported Codec: SBC, AAC, Qualcomm® aptX™
- Operating power: AC 100V to 240V, 50/60Hz
- Power consumption: 25W
- Overall dimensions (WxHxD): 483 x 46.5 x 274.8 mm (excluding Bluetooth antenna)
- Weight: 3.0kg
- Operating temperature: 0 to 40°C / 32 to 104°F

#### Audio Performance

- MIC Amplifier EIN\*1: -125dB or less (150 ohms, 20kHz LPF, A-weight)
- Frequency response
  - MIC to LINE: 20Hz to 20kHz (+0.5dB / -1.0dB) \*2
  - LINE to LINE: 20Hz to 20kHz (±0.5dB) \*2
- Distortion
  - Front MIC to LINE: 0.02% or less \*2
  - Rear MIC to LINE: 0.01% or less \*2
  - LINE to LINE: 0.01% or less \*2
- S/N ratio
  - MIC to LINE: 90dB or more \*2
  - LINE to LINE: 90dB or more \*2
- Cross Talk
  - MIC to LINE: 80dB or more
  - LINE to LINE: 80dB or more

\*1 Equivalent Input Noise \*2 When GAIN knob at minimum, VOLUME knob at 0 dB, JEITA

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