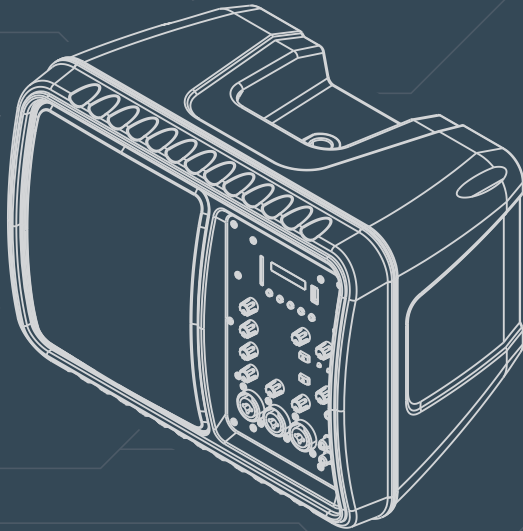


PCM



SubZero

PERSONAL MONITOR
USER MANUAL

INTRODUCTION

Thank you for purchasing the Subzero SZS-P6MA/P6M Personal Monitor. To get the most out of your product, please read this manual carefully.

BOX CONTENTS

- 1 x SZS-P6MA/P6M
- 1 x Mic stand/pole adapter
- 1 x UK IEC mains power cable (Active version only)
- 1 x EU IEC mains power cable (Active version only)
- 1 x Manual

PRODUCT FEATURES

ACTIVE VERSION:

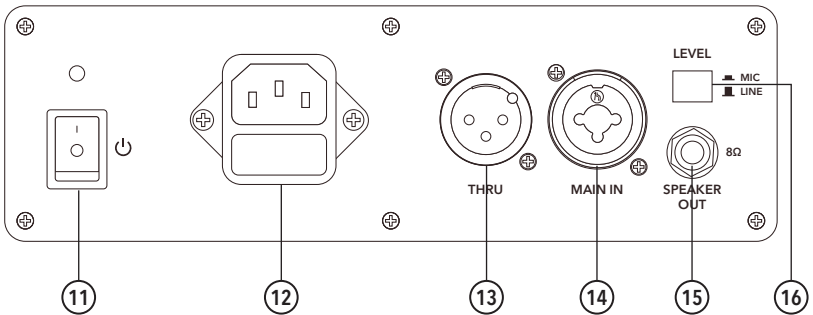
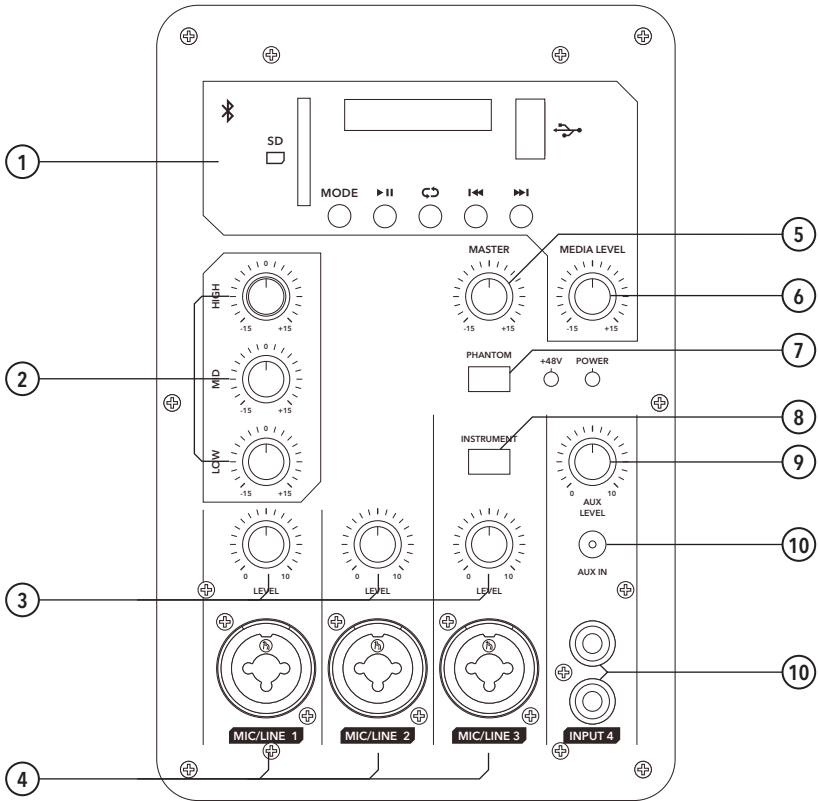
- Four channel mixer with three-band EQ
- Three mic pre-amps with 48V phantom power
- Full range 6.5" driver and Class-D amplifier
- Maximum output power of 2 x 45W
- Media player with Bluetooth/TWS

PASSIVE VERSION:

- Maximum output power 200W
- Full range 6.5" driver
- 6.35mm Jack Line level Input
- Speakon input (2 pole)

FUNCTIONS

SZS-P6MA



FUNCTIONS

SZS-P6MA

1. DIGITAL MEDIA PLAYER

This section features a multimedia player that allows you to play audio from various sources such as SD cards, USB, and Bluetooth connectivity. (See page 9 for more info).

2. THREE-BAND EQUALIZER

Cut or boost treble, mid, and bass frequencies by ± 15 dB.

3. GAIN CONTROL

Adjusts the input sensitivity for the mic/line combination jacks.

4. MIC/LINE INPUTS

Connect mic or line level input signals into these combination inputs using XLR, balanced 6.35mm (1/4") TRS, or 6.35mm unbalanced (1/4") TS connectors.

5. MAIN LEVEL

Controls the overall master level of the speaker.

6. MP3 LEVEL

Controls the overall signal level of the MP3/Bluetooth player.

7. PHANTOM

Sends 48V of phantom power to the mic/line inputs to power condenser microphones. The LED illuminates when the phantom button is engaged.

8. INSTRUMENT

Press this button to optimize the mic/line 2 input for unbalanced signals from instruments using a 6.35mm (1/4") TS connector.

9. AUX LEVEL

Adjusts the input volume (gain) for the phono and aux inputs.

10. AUX/RCA PHONO INPUT

Route signals from laptops, mixers, and other line-level sound sources into the 3.5mm jack and RCA phono connectors.

11. POWER SWITCH

Powers the speaker on and off.

12. AC POWER SOCKET

Plug the included IEC power cable into this socket to power up the speaker.

13. THRU

Route a signal to another speaker or mixer by using a balanced cable with a male XLR connector. The thru output takes a signal from just before the main level and EQ section, combined with the main in signal.

14. MAIN IN

Connect the thru signal from another speaker using a balanced cable with either a female XLR plug or a balanced 1/4" TRS connector.

15. SPEAKER OUT

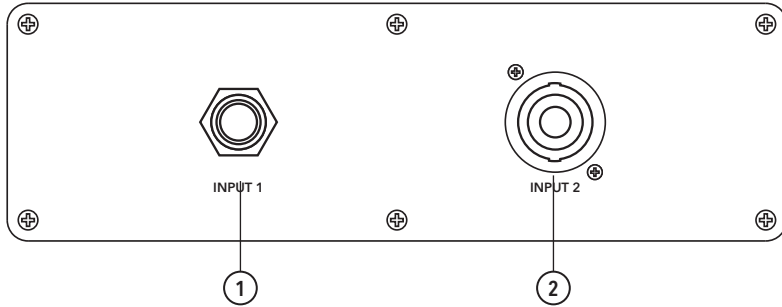
Connection to an external speaker via 6.35mm Jack.

16. LEVEL

Adjust the level of the outgoing thru signal via the mic/line button depending on the source.

FUNCTIONS

SZS-P6M



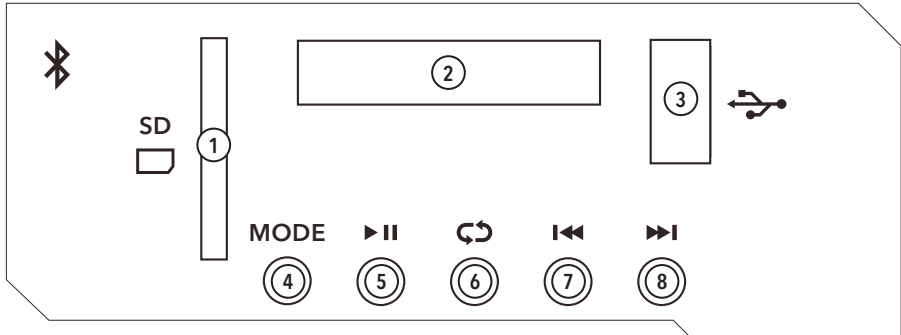
1. 6.35MM JACK INPUT

6.35mm input for line-level sources.

2. SPEAKON INPUT

Speakon input for speaker-level sources.

DIGITAL MEDIA PLAYER



1. USB INPUT

Play any .mp3, .wma or .wav files.

2. SD CARD INPUT

Play any .mp3, .wma or .wav files.

3. LCD DISPLAY

Displays all the functions that are currently been used.

4. MODE SELECT BUTTON

Toggle between Bluetooth, SD, and USB connectivity.

5. PLAY/PAUSE

Control the playback of your audio with play and pause functionality.

6. LOOP

Repeat the current audio track (SD card and USB only) with options to change between looping the current song, repeating all songs in a folder, looping all songs across folders, or random playback by pressing repeatedly.

7. SKIP BACK

Skip back one track (short press), or rewind the track (long press).

8. SKIP FORWARD

Advance one track (short press), or fast-forward through a track with (long press).

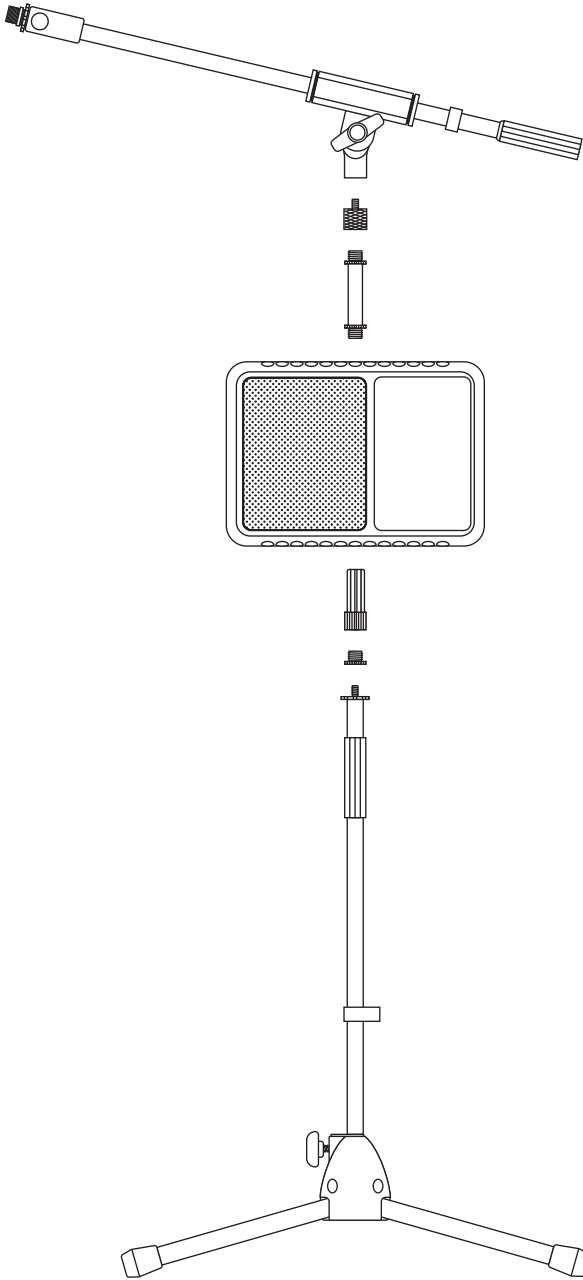
BLUETOOTH CONNECTION

To connect a Bluetooth device to the speaker's digital media player, please follow the below steps.

- Ensure that the speaker is powered on and within range of the Bluetooth device.
- Press the MODE button on the speaker's digital media player until 'Bluetooth' is displayed on the screen.
- Open the Bluetooth settings on the Bluetooth enabled device.
- Scan for Bluetooth devices and search for 'SZS-P6MA' in the devices list.
- Select 'SZS-P6MA'. The Bluetooth enabled device should confirm that it is now connected.
- Play audio from the Bluetooth enabled device, ensuring that volume is turned up.
- Turn up the Master dial on the speaker to the desired level.

OPERATION

Attaching your personal monitor to a microphone stand.



SPECIFICATIONS

SZS-P6MA

Amplifier:

Maximum Output Power 2 x 45W
Type Class-D
Limiter Optical
Dynamic Equalizer Processor-controlled
Driver Size 6.5" / 166 mm
MP3 Playback USB Type A
Format MP3
Bit Rates 32 - 320 kbps, VBR
Sample Rates 8 kHz, 16 kHz, 32 kHz, 11.025 kHz,
22.05 kHz, 44.1 kHz, 12 kHz, 24 kHz,
48 kHz

Channel 1

Input XLR / ¼" TRS Combo Jacks
Sensitivity -40dBu to +4 dB
Input Impedance 20 ohm

Channel 2

Input XLR / ¼" TRS Combo Jacks
Sensitivity -40dBu to +4 dB
Input Impedance 20 ohm/ 1 Mohm switchable

Channel 3

Input XLR / ¼" TRS Combo Jacks
Sensitivity -40dB to +4 dB
Input Impedance 20 ohm

Channel 4

Input RCA Jacks
Sensitivity -10dBu to +4 dB
Input Impedance 10 ohm

Phantom Power

Channels 1, 2, and 3 +48 Volts, switchable

Channel Level Controls

Input Trim $-\infty$ to +30 dB
Max. Input Level +22dBu
Link Thru Main In
Sensitivity $-\infty$ to +30 dB
Connector XLR, mic/line switchable
Additional Input XLR / ¼" TRS combo jack
Frequency Response 60Hz to 18kHz (-10 dB), 90 Hz to
12kHz (-3 dB)
Sound Pressure Level Max. 116 dB SPL @ 1 m
Equalizer HIGH: >12 kHz/±15 dB
MID: 2.5 kHz/ ±15 dB
LOW: <100Hz/±15dB
Power Supply Voltage 220-240V, 50/60 Hz
Dimensions (mm) (W) 254 x (H) 356 x (L) 218
Weight 4.2 kg

SPECIFICATIONS

SZS-P6M

Speaker

Driver Size 6.5" / 166 mm

Sound Pressure Level Max. 116 dB SPL @ 1 m

Equalizer HIGH: >12 kHz/±15 dB
MID: 2.5 kHz/ ±15 dB
LOW: <100Hz/±15dB

Dimensions (WxHxD) 254 x 356 x 218mm

Weight 2.2 kg

