



# MW-42BT

## Audio Interface with USB and Bluetooth



BX-41S  
Surface Mount



BX-41F  
Flush Mount

**Sleek and elegant, second generation  
audio input panel with enhanced connectivity.**

# MW-42BT

## Audio Interface with USB and Bluetooth

MW-42BT is our third generation of audio input panels, equipped with Microphone, Aux (3.5mm), USB and Bluetooth inputs, as well as one Mono balanced output. The in-wall design and modern appearance make it ideal for saving space and integration in various facilities. The microphone input has the highest priority over the other inputs. Any active input will be ducked by 20dB once a microphone signal is detected. The panel fits in a standard 2-Gang Electrical box (not included), and it requires a power supply (included). Optional flush mount or surface mount lockboxes are available for the panel.

- Microphone and line level inputs
- 24V Phantom Power on the Mic input
- USB input (compatible with MP3 and WAV)
- Bluetooth® input
- Optional flush mount lockbox
- Balanced line output
- Input Selection Button
- Volume Control
- Priority on the Mic input
- Optional surface mount lockbox

### SPECIFICATIONS

| MODEL                     | MW-42BT                                                                                                                                                                                                                                                                                                  |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Power Source              | 100-240V AC 50/60Hz                                                                                                                                                                                                                                                                                      |
| Power Consumption         | 3W                                                                                                                                                                                                                                                                                                       |
| Audio Input               | LINE/MIC input: -10 dBV, 10 k $\Omega$ /-60 dBV, 600 $\Omega$ , electronic balanced, female XLR Connector<br>AUX input: -10 dBV, 10 k $\Omega$ , unbalanced, stereo 3.5 mm(1/8") mini jack<br>USB inputL Audio formats: MP3, WAV — Format: FAT16, FAT32, Max. 32GB<br>Bluetooth® input: Ver 5.4, Max 10m |
| Audio Output              | Stereo/Monaural output, 0 dBV, 10 k $\Omega$ , electronic balanced, removable terminal block                                                                                                                                                                                                             |
| Frequency Response        | 20 - 20,000 Hz, $\pm$ 3 dB                                                                                                                                                                                                                                                                               |
| Total Harmonic Distortion | < 0.1%                                                                                                                                                                                                                                                                                                   |
| S/N Ratio                 | >90dB (A weighted)                                                                                                                                                                                                                                                                                       |
| Phantom Power             | +24 VDC, switchable, MIC input                                                                                                                                                                                                                                                                           |
| Indicators                | Power (Blue) x1, LINE/MIC (Blue) x1, AUX (Blue) x1, USB (Blue) x1, Bluetooth® (Blue) x1                                                                                                                                                                                                                  |
| Operation                 | Microphone Ducking selector switch, Stereo/Parallel switch jumper                                                                                                                                                                                                                                        |
| Operating Temperature     | 0°C to +40°C (32°F to 104°F)                                                                                                                                                                                                                                                                             |
| Operating Humidity        | 90% RH or less (no condensation)                                                                                                                                                                                                                                                                         |
| Finish                    | Panel: Aluminum, Sandblasting, Silver<br>Decorative Sheet: Acrylic, Black                                                                                                                                                                                                                                |
| Dimensions                | 120 (W) x 120 (H) x 40.2 (D) mm (4.72" x 4.72" x 1.58")                                                                                                                                                                                                                                                  |
| Weight                    | 0.2 kg (0.44lbs)                                                                                                                                                                                                                                                                                         |
| Accessories               | AC Power adapter x 1, Remote control x 1, Box mounting screw (6-32UNC) x 4, Grounding screws x 1, x Flat gasket x 1, removable terminal plug (8 pins) x 1                                                                                                                                                |
| Options                   | Optional flush mount lockbox (BX-41F), surface mount lockbox (BX-41S)                                                                                                                                                                                                                                    |