

User manual

Control USB BT



The Control USB BT is a user-friendly, 3-channel, 19-inch rack-mountable mixer equipped with a built-in USB, SD, and Bluetooth audio player. This player supports MP3 and WAV files, while auxiliary and line connections allow easy integration with other analog audio devices. Additionally, a microphone can be mixed seamlessly with audio from the player and / or the analog audio inputs.

The onboard player can also be controlled remotely using the included remote control.

Key features

- Compact 1U low noise audio design
- USB/SD/Bluetooth player
- Individual volume controls
- Master with Volume, Bass and Treble controls
- XLR / Jack combo Mic and 3.5mm stereo Line input on the front panel
- Stereo RCA Line input on the rear
- Master outputs both on RCA and Balanced XLR
- Supports shuffle play and plays WAV and MP3 files

Safety notice

For your safety, do not attempt to open this device. There are no user-serviceable parts inside, and opening the unit may lead to electric shock or damage. Please refer all servicing needs to qualified service personnel only. Attempting repairs yourself will void any warranty and may compromise the device's performance and safety.

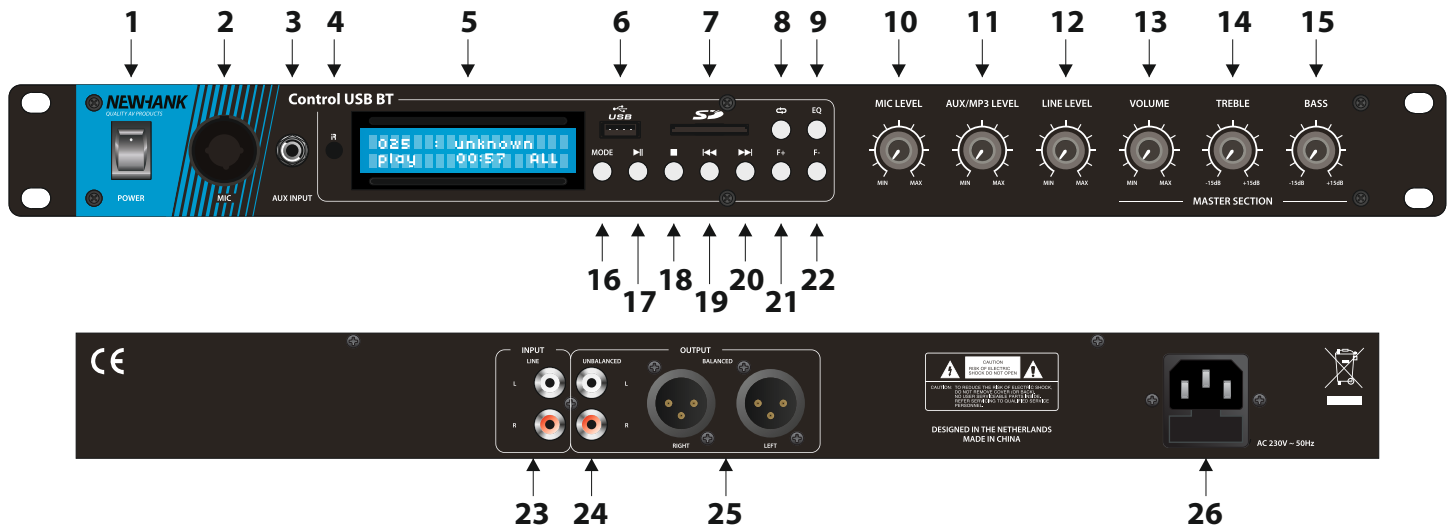
Set-up precautions

Ensure all connections are made before plugging the device into an electrical outlet. Set all volume knobs to their minimum position before powering on. If the device has experienced a sudden increase in environmental temperature, avoid switching it on immediately to prevent internal damage from condensation. Wait until the device reaches room temperature before turning it on.

User manual

Control USB BT

Functions and controls



1. **POWER SWITCH** - This is the main power ON/OFF switch.
2. **MICROPHONE INPUT**- Accepts a standard 1/4" Jack or a 3-pin XLR plug.
The volume output level for this microphone is controlled by its respective **MIC LEVEL CONTROL** knob (10) and (mix-) **MASTER VOLUME CONTROL** knob (13).
Note: We recommend using a 500-600 ohm microphone for the best sound quality.
3. **AUX INPUT** - This 3,5mm stereo Jack aux input is for use with an MP3 player or other line source. Volume is controlled by the **AUX/MP3 LEVEL** knob (11).
4. **IR RECEIVER** - Receives infrared control signals from the remote control..
5. **DISPLAY** - Displays the status of the audio player.
6. **USB PORT** - The USB port allows you to insert a USB stick, USB card reader, or compatible external hard drive for playback.
7. **SD CARD SLOT** - This is where you insert a SD card for playback.
8. **REPEAT BUTTON** - Pressing the repeat button once sets it to single play; twice for random play; three times for all tracks; and four times for folder repeat.
9. **EQ CONTROL BUTTON** - Pressing this button cycles through different EQ profile settings.
10. **MIC LEVEL CONTROL** - This knob controls the microphone level.
11. **AUX/MP3 LEVEL** - This knob controls the level of the player and the **AUX INPUT** (3)
12. **LINE LEVEL CONTROL** - This knob controls the input line level.
13. **MASTER VOLUME CONTROL** - This knob controls the master output level.
Note: To avoid speaker damage from excessive volume, always set this knob to the lowest level before turning the unit on.
14. **MASTER TREBLE CONTROL** - This knob adjusts the treble level of the master signal, allowing for a maximum treble gain of +15dB or maximum decrease of -15dB.
Turning the knob counterclockwise decreases the treble, while turning it clockwise increases the treble.

User manual

Control USB BT

15. **MASTER BASS CONTROL** - This knob adjusts the low-frequency levels of the master signal, allowing for a maximum bass gain of +15dB or maximum decrease of -15dB. Turning the knob counterclockwise decreases the bass, while turning it clockwise increases the bass.
16. **MODE** - Switch between USB, SD and Bluetooth mode.
17. **PLAY** - Press this button to start the track.
18. **STOP** - Press this button to stop the current track.
19. **PREVIOUS TRACK** - Press this button to go back to the previous track, press and hold to decrease volume.
20. **NEXT TRACK** - Press this button to go to the next track, press and hold to increase volume.
21. **NEXT FOLDER** - Press this button to go to the next folder on either a USB or SD card.
22. **PREVIOUS FOLDER** - Press this button to go to the next folder on either a USB or SD card.
23. **RCA LINE INPUT** - CD players, tape decks, and other line-level devices may be connected to this input. Red is right and white is left channel, volume is controlled by the **LINE LEVEL CONTROL** knob (12).
24. **UNBALANCED RCA MASTER OUTPUT** - The RCA outputs supplies an unbalanced output signal, red is right and white is left channel.
25. **BALANCED XLR MASTER OUTPUT** - The 3-pin XLR outputs supplies a balanced output signal. Use this connection when driving an amplifier or other audio equipment with balanced inputs or when running a signal line greater than 5 meter.
26. **AC CONNECTION** - This connector supplies the main power to the unit via the included detachable power cord. The power connection uses an IEC-type connector. Use only a power cord that matches this type of connection. Be sure to connect the unit to a power outlet that matches the voltage label on the unit. Never use a power cord with a broken or removed ground contact. The ground contact reduces the risk of electrical shock in case of a short.

General specifications

Frequency response	20Hz - 20kHz
Input Impedance	Line input 10K Ω ; Microphone input 600 Ω
Signal-to-noise Ratio	> 98dB
THD+N	< 0.02%@4dBu, 1KHz
Power supply	200-240VAC, 50Hz
Power consumption	4.5 Watt
Weight	2,2kg; 4.9lbs
Supported file formats	
MP3	44.1 or 48kHz; Up to 320kBps
WAV	44.1kHz, 8 to 16 bit PCM; 48kHz, 8 to 16 bit PCM; 96kHz, 8 bit PCM
Bluetooth version	5.3

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