

NEW-HANK

QUALITY AV PRODUCTS

CONTROL FM **FM Radio – USB/SD Control Player**



User Guide **and Reference Manual**

CONGRATULATIONS AND THANK YOU FOR PURCHASING THE NEWHANK CONTROL FM

Please carefully read and understand the instructions in this manual thoroughly before attempting to operate this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Take special care to follow all warning symbols and labels both on the unit and printed in this manual. Also, please keep this manual with the unit, for future reference.

Important Safety Precautions

CAUTION:

TO PREVENT ELECTRIC SHOCK DO NOT USE THIS (POLARIZED) PLUG WITH AN EXTENSION CORD, RECEPTACLE, OR OTHER TYPE OF ELECTRICAL OUTLET UNLESS THE WIDE BLADES CAN BE CAREFULLY INSERTED INTO A MATCHING WIDE SLOT.

ATTENTION:

POUR PREVENIR LES CHOCS ELECTRIQUES NE PAS UTILISER CETTE FICHE POLARISEE AVEC UN PROLONGATEUR, UNE PRISE DE COURANT OU UNE AUTRE SORTIE DE COURANT, SAUF SI LES LAMES PEUVENT ETRE INSEREES A FOND SANS EN LAISSER AUCUNE PARTIE A DECOUVERT.

Set-Up Precautions

Please be sure to make any connections before plugging the media player in to an electrical outlet. All fader and volume controls should be set to zero or minimum position, before the SD player is switched on. If the media player has been exposed to drastic temperature fluctuation (e.g. after transportation), do not switch on the media player immediately. The arising condensation of water might damage your device. Leave the device switched off until it has reached room temperature.

Operating Determinations:

- When installing this media player, please make sure that the device is not exposed or will not be exposed to extreme heat, moisture or dust!
- Do not operate the media player in extremely hot (more than 40°C /104°F) or extremely cold (less than 5°C/40°F) surroundings.
- Keep the unit out of direct sunlight and away from heaters.

MAIN FEATURES:

- Mp3 Player
- One USB 2.0 Port and One SD Card Slot
- Selectable Repeat, Repeat All or Shuffle Function
- Setup Different EQ Effects
- Aux Input
- FM Radio
- Six FM Memory Banks
- Bright LCD Screens
- Mixed Level Volume Control Mp3/FM

General Functions and Controls

Figure 1

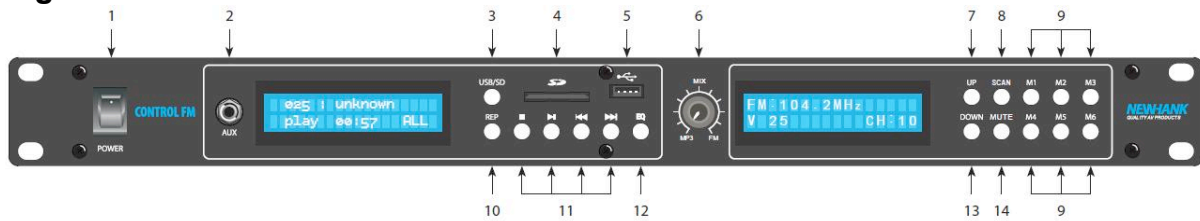
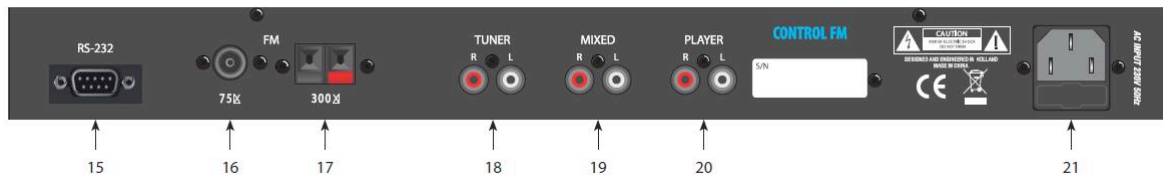


Figure 2



A. CONTROL FM FRONT OPERATION (figure 1)

1. **POWER SWITCH** – Main power ON/OFF switch.
2. **AUX INPUT JACK** – Stereo Aux input is for the connection of a Mp3player or other line source.
3. **USB/SD Selection** – Press this button to toggle between the USB port or SD card slot.
4. **SD CARD SLOT** – Slot for SD card.
5. **USB Port** – USB port where you can insert a USB thumb drive or USB card reader.
6. **MIX VOLUME CONTROL** – This knob adjusts the audio level between your MP3 player and Radio when using the “mixed” output.
7. **UP BUTTON** – Pressing this button you move up 1 memory bank. Keep this button pressed to search next FM frequencies.
8. **SCAN BUTTON** – Pressing this button the CONTROL FM will scan for active FM frequencies and if found one it will be placed under a memory bank. The SCAN then continues until all frequencies are scanned or the memory banks 1 to 6 are full.
9. **MEMORY BANKS** – These buttons represent memory bank 1 to 6. When pressed you’ll go to the desired memory bank.
10. **REPEAT BUTTON** – Press this button to repeat 1 track, repeat all tracks or shuffle tracks in random order.
11. **STOP/PLAY/PREVIOUS TRACK/NEXT TRACK**
 - **STOP** – Press this button to stop the current track.
 - **PLAY** – Press this button to start the track.
 - **PREVIOUS TRACK** – Press this button to go back to the previous track.
 - **NEXT TRACK** – Press this button to go to the next track.
12. **EQ CONTROL BUTTON** – Press this button to change EQ filters.
13. **DOWN BUTTON** – Pressing this button you move back 1 memory bank. Keep this button pressed to search previous FM frequencies.
14. **MUTE BUTTON** – Press this button to mute the FM Player.

B. CONTROL FM REAR OPERATION (figure 2)

15. **RS-232 CONNECTOR** – To connect the CONTROL FM to a PC or automated control system. (OPTIONAL)
16. **COAXIAL 75Ohm FM ANTENNA** – Here you connect a coaxial 75Ohm FM antenna.
17. **SYMMETRICAL 300Ohm FM ANTENNA** – Here you connect a symmetric 300Ohm FM antenna.
18. **TUNER STEREO RCA OUTPUT** – Use this stereo RCA Unbalanced output to send the tuner audio to a mixer or receiver.
19. **MIXED STEREO RCA OUTPUT** – Use this stereo RCA Unbalanced output to send the tuner/player mixed audio (controlled by the mix knob on the front panel) to a mixer or amplifier.
20. **PLAYER STEREO RCA OUTPUT** – Use this stereo RCA Unbalanced output to send the player audio to a mixer or receiver.
21. **AC CONNECTION** – This connector is used to supply main power to the unit via the included detachable power cord. The power connection uses an I.E.C. type connector, use only the supplied, polarized AC power cord. Use only a power cord that matches this type of connection. Be sure to only connect this unit to a power outlet that matches the printed power label on the unit. Never use a power cord when the ground prong has been removed or broken off. The ground prong is used to properly reduce the risk of electrical shock in case of an electrical short. This cord is designed to fit in one direction only. Do not attempt to force a cord if it does not fit, be sure the cord is being inserted properly.

Specifications:

GENERAL Model	: NEWHANK CONTROL FM, FM Radio/USB/SD PLAYER.
Type	: FM Radio, SD Card and USB MP3 CONTROL PLAYER .
Installation	: Place on flat surface or mount in flat 19" RACK
Power supply	: Single Voltage: AC 220V, 50Hz
Power consumption	: 4.5W
Environmental conditions	: Operational temperature: 5 to 35°C (41 to 95°F) Operational humidity: 25 to 85% RH (no condensation) Storage temperature: -10 to 60°C (14 to 140°F)
Accessories	: Connecting RCA Cables, Power Cord.

Please Note: All specifications and improvements to the design of this unit and this manual are subject to change at any time without any prior written or published notice.

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