

DAB FM PLUS

DAB / DAB+ / FM RDS USB & SD CARD READER BLUETOOTH



CAUTION: TO REDUCE THE RISK OF ELECTRONIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.

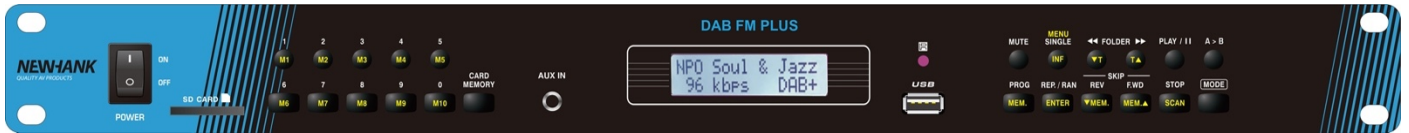


The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the appliance.

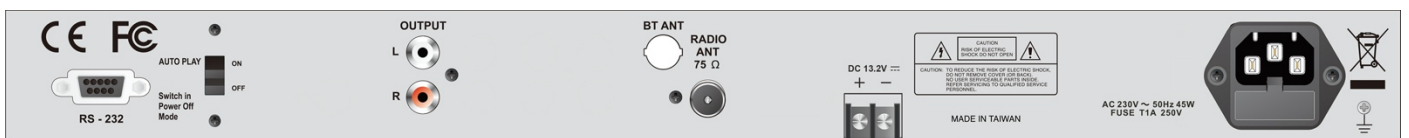
WARNING: TO PREVENT FIRE OR SHOCK HAZARD, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

Outward Appearance

Face plate:



Rear plate:




SUPPLEMENTS:

AV Wire	x 1	AC Power Cord	x 1
Remote Controller	x 1	FM Antenna Wire	x 1

INSTALLATION:

1. Connect AV Cord to OUTPUT Terminal.
2. Connect AC Power Cord in between Socket and AC power resource in AC 230V. Or Connect DC Power Cord in DC 13.2V for emergency power supply.

3. Connect to Ground 



USB & SD Card Reader / FM RDS / DAB / DAB+ / Bluetooth



Features

- Provide USB SD Card Reader with Bluetooth and FM RDS / DAB Tuner function
- Display track information
- Compatible up to 64GB USB, SD card / SDHC
- Playing format: MP3, AAC, FLAC, M4A, MP2, WAV, WMA
- AUTO PLAY Switch: Select for Auto Play or Manual Play.
- Single track playing.
- Hot key, track directly memory to number button

IDENTIFICATIONS OF CONTROLS :

- POWER : Power ON / OFF
- MODE : To switch for USB, SD, BT, FM, DAB mode.
- PLAY / II : Press once pause to stop, press again start to play.
- STOP : Press to stop playing.
- REV : Short press to desired previous track number. Long press is reversing fast.
- F.WD : Short press to desired next track number. Long press is forwarding fast.
- Numeral 0 ~ 9: Selects the track from numerals.
- FOLDER  Select forward to next file.
- FOLDER  Select backward to last file.
- REP. / RAN : Repeat and Random key.
 - Press once, LCD shows “**R-1**”: Repeat current playing song.
 - Press 2 times, LCD shows “**R-F**”: Repeat all songs in the folder.
 - Press 3 times, LCD shows “**R-A**” : Repeat all songs.
 - Press 4 times, LCD display “**RAN**” Play tracks in random order
 - Press again to cancel function.
- MUTE : Press to mute.
- PROG : To memorize the self-set tracks.
 - Press **PROG**. LCD display shows “**PR**” then use **REV F.WD** combinative buttons to select the song. Then press **PROG** to memorize.
 - Repeat above step to store more tracks.
 - To play the memory track, press **PLAY / II**, LCD DISPLAY shows “**PG**” and then start to play
 - Press **PROG** again to cancel the program function.
- SINGLE: Single track playing
Press once, LCD show “**SG1** ”, the device turns to pause mode after current track is finished playing.

LCD display shows next track. Press again to cancel single track playing.

- **CARD MEMORY** : Only operate during play mode. Able to memorize up to 10 tracks.
 - Press to enter memory mode. LCD shows “HOT KEY”,
 - Use **FOLDER** ◀◀ **FOLDER** ▶▶ and **REV F.WD** buttons to select desired track
 - Long press **0~9 buttons** to memorize desired track, LCD shows memorized track#. The track is saved at **0~9 buttons**.
 - Directly press **0~9 buttons** to play memorized track.
 - To leave memory setting mode, press **CARD MEMORY** button again.

- **A > B**: Designated area repeating.
 - Press once to start playing the beginning of memory. LCD flash “**A>**”
 - Press again to stop at the end of memory area. The device repeats to play memory area. LCD show “**A>B**”
 - Press it again to cancel A→B function. LCD display “**A>B**” will be disappeared.

- **BLUETOOTH**:
 - Press **MODE** to switch to BT mode.
 - Search for Bluetooth device name : **BLUE**. LCD will show “Waiting Pair” and flash “**BLUE**”, when searching the Bluetooth signal.
 - Once BT is connected, LCD will show “Connected ” and show “**BLUE**”.
 - On the panel, use **PLAY/II**, **REV F.WD** buttons to operate play, pause, previous track, next track for Bluetooth device.

RADIO OPERATION:

FM MODE

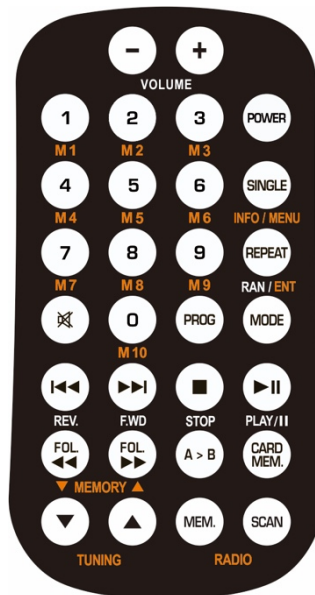
- **MENU INFO** :
 - Short press can show different information of current station
 - Long press to enter MENU, press - **TUNING +** to select different settings. press **ENTER** to confirm
 - ◆ Scan Setting : Can choose All stations or Strong only, press **ENTER** to confirm
 - ◆ SW Version : Show current version.
 - ◆ Language : Can choose different languages, English Deutsch Franais Italiano, press **ENTER** to confirm.
 - ◆ Factory Reset : Can choose Yes or No, press **ENTER** to confirm.
- **SCAN** : Auto scanning all available stations and memorize. Long press can cancel scanning.
- **▼ T ▲** : Short press to next 5MHz frequency. Long press to automatic scanning. Scanning stops when unit receiving station.

- **MEM.** : Press to memorize stations
 - Use **▼ T ▲** to select desired station
 - Press **MEM.** to enter memory mode
 - Press **▼ MEM. ▲** to select Preset 1 ~ Preset 40
 - Press **MEM.** To memorize
- **▼ MEM. ▲** : Press to select Preset 1 ~ Preset 40.
- **M1 ~ M10** : Press to play memorized stations. Long press can memorize current station.




DAB MODE :

- **MENU INFO** :
 - Short press can show different information of current station
 - Long press to enter MENU, press **- TUNING +** to select different settings. press **ENTER** to confirm
 - ◆ Autotune : Auto scanning all available stations and memorize, press **ENTER** to confirm
 - ◆ Manual tune : In case of auto scan reception was not good. Press **- TUNING +** to adjust frequency.
 - ◆ Prune : To remove stations that are listed but unavailable
 - ◆ DRC : Some DAB broadcasts offer dynamic range compression (DRC). This feature allows radios to compress the dynamic range of the output audio stream, so that the volume of quiet sounds is increased, and the volume of loud sounds is reduced. This can be useful if you are listening to music with a high dynamic range in a noisy environment
 - ◆ SW Version : Show current version.
 - ◆ Language : Can choose different languages, English Deutsch French, Italian, press **ENTER** to confirm.
 - ◆ Factory Reset : Can choose Yes or No, press **ENTER** to confirm.
- **SCAN** : Auto scanning all available stations and memorize. Long press can cancel scanning.
- **▼ T ▲** : Press to next or previous available stations.
- **MEM.** : Press to memorize stations. Up to 40 stations can be stored
 - Use **▼ T ▲** to select desired station
 - Press **MEM.** to enter memory mode
 - Press **▼ MEM. ▲** to select Preset 1 ~ Preset 40
 - Press **MEM.** To memorize
- **▼ MEM. ▲** : Press to select Preset 1 ~ Preset 40.
- **M1 ~ M10** : Press to play memorized stations. Long press can memorize current station.

REMOTE CONTROL UNIT



IDENTIFICATIONS OF CONTROLS :

- POWER : Power ON / OFF
- MODE : To switch for USB, SD, BT, FM, DAB mode.
- - VOLUME + : Adjust volume
- PLAY / II : Press once pause to stop, press again start to play.
- STOP : Press to stop playing.
- REV : Short press to desired previous track number. Long press is reversing fast.
- F.WD : Press to desired next track number. Long press is forwarding fast.
- Numeral 0 ~ 9: Press to play desired track..
- FOL  : Select forward to next file.
- FOL  : Select backward to last file.
- REPEAT / RAN : Repeat and Random key.
 - Press once, LCD shows “**R-1**”: Repeat current playing song.
 - Press 2 times, LCD shows “**R-F**”: Repeat all songs in the folder.
 - Press 3 times, LCD shows “**R-A**” : Repeat all songs.
 - Press 4 times, LCD display “**RAN**” Play tracks in random order
 - Press again to cancel function.
-  Press to mute.
- PROG : To memorize the self-set tracks.
 - Press **PROG**. LCD display shows “**PR**” then use **REV F.WD** combinative buttons to select the song. Then press **PROG** to memorize.
 - Repeat above step to store more tracks.
 - To play the memory track, press **PLAY / II**, LCD DISPLAY shows “**PG**” and then start to play

- Press **PROG** again to cancel the program function.
- **SINGLE**: It will turn into pause mode after current track is finished playing. LCD display shows next track.
 - Press once, LCD shows “**SG1**”, press again to cancel.
- **CARD MEMORY** : Only operate during play mode. Able to memorize up to 10 tracks.
 - Press to enter memory mode. LCD shows “HOT KEY”,
 - Use **FOLDER** ◀◀ **FOLDER** ▶▶ and **PREV / NEXT** buttons to select desired track
 - Long press **0~9 buttons** to memorize desired track, LCD shows memorized track#. The track is saved at **0~9 buttons**.
 - Directly press **0~9 buttons** to play memorized track.
 - To leave memory setting mode, press CD / CARD MEMORY button again.
- **A > B**: Designated area repeating.
 - Press once to start playing the beginning of memory. LCD flash “**A>**”
 - Press again to stop at the end of memory area. The device repeats to play memory area. LCD show “**A>B**”
 - Press it again to cancel A→B function. LCD display “**A>B**” will be disappeared.
- **BLUETOOTH**:
 - Press **MODE** to switch to BT mode.
 - Search for Bluetooth device name : **BLUE**. LCD will show “Waiting Pair” and flash “**BLUE**”, when searching the Bluetooth signal.
 - Once BT is connected, LCD will show “Connected ” and show “**BLUE**”.
 - On the panel, use **PLAY/II**, **REV F.WD** buttons to operate play, pause, previous track, next track for Bluetooth device.

RADIO OPERATION:

FM MODE

- **MENU INFO** :
 - Short press can show different information of current station
 - Long press to enter MENU, press ▼ **TUNING** ▲ to select different settings. press **ENT** to confirm
 - ◆ Scan Setting : Can choose All stations or Strong only, press **ENT** to confirm
 - ◆ SW Version : Show current version.
 - ◆ Language : Can choose different languages, English Deutsch Franais Italiano, press **ENT**

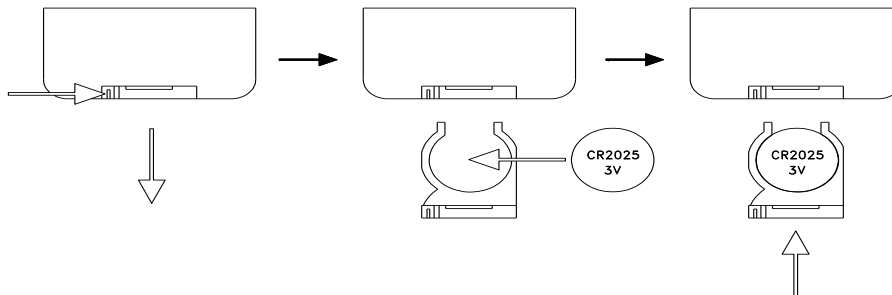
to confirm.

- ◆ Factory Reset : Can choose Yes or No, press **ENT** to confirm.
- **SCAN** : Auto scanning all available stations and memorize. Long press can cancel scanning.
- **▼ TUNING ▲** : Short press to next 5MHz frequency. Long press to automatic scanning. Scanning stops when unit receiving station.
- **RADIO MEM.** : Press to memorize stations. Up to 40 stations can be stored
 - Use **▼ TUNING ▲** to select desired station
 - Press **MEM.** to enter memory mode
 - Press **▼ MEMORY ▲** to select Preset 1 ~ Preset 40
 - Press **MEM.** To memorize
- **▼ MEMORY ▲** : Press to select Preset 1 ~ Preset 40.
- **M1 ~ M10** : Press to play memorized stations. Long press can memorize current station.

DAB MODE :

- **MENU INFO** :
 - Short press can show different information of current station
 - Long press to enter MENU, press **▼ TUNING ▲** to select different settings. press **ENT** to confirm
 - ◆ Autotune : Auto scanning all available stations and memorize, press **ENT** to confirm
 - ◆ Manual tune : In case of auto scan reception was not good. Press **▼ TUNING ▲** to adjust frequency.
 - ◆ Prune : To remove stations that are listed but unavailable
 - ◆ DRC : Some DAB broadcasts offer dynamic range compression (DRC). This feature allows radios to compress the dynamic range of the output audio stream, so that the volume of quiet sounds is increased, and the volume of loud sounds is reduced. This can be useful if you are listening to music with a high dynamic range in a noisy environment
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- **SCAN** : Auto scanning all available stations and memorize. Long press can cancel scanning.
- **▼ TUNING ▲** : Press to next or previous available stations.
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 - Use **▼ TUNING ▲** to select desired station
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 - Press **MEM.** To memorize

- ▼ MEMORY ▲ : Press to select Preset 1 ~ Preset 40.
- M1 ~ M10 : Press to play memorized stations. Long press can memorize current station.
- Remote controller shall appoint to the receiving hole of faceplate. The optimal receiving distance is 3 meters. The available distance is 5 meters.
- Battery installation of the remote controller



1. To open up the battery cover (on the back side of the remote controller), Press down the cap and slide it from the left to the right, then to pull it out.
2. Place a new battery (battery type: CR2025 3V, with its positive side upward).
3. Reverse the actions stated in the statement 1.