Nakamichi®

DELTA 20

User manual

Delta 20

DAB/FM Radio with Bluetooth

Instruction Manual

CAUTION: Risk of electrical shock. Do not open the unit.
1. Please read, keep and follow these instructions.
2. Install in accordance with the manufacturer's instructions.
3. Do not install near any heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
4. Only use attachments/accessories specified by the manufacturer.
5. Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the product.
6. Unplug this product during lighting storms or when unused for long periods of time.
7. Do not let objects or liquids enter the product.
8. Refer all servicing to qualified service personnel. Servicing is requierd when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
9. Opening the unit by unauthorized personnel will void the warranty.

CAUTION: Use of controls or adjustments or performance of procedures other than herein may result in hazardous radiation exposure or other unsafe operation.

Cleaning: Use a soft, dry cloth to avoid making scratches to the surface. Do not use cleaning alcohol, or other solvent fluids to clean the surface of the Cabinet as this can both damage the coating and also cause electrical failures and fire if it enters the electronics in the unit! Before cleaning, please unplug the unit from the AC power outlet.

Overloading: To prevent risk of fire or electric shock, avoid overloading wall outlets or extension cords.

Open fire: keep this sound system a safe distance away from any open flames such as a lit candle. No open flam sources, such as lighted candles, should be placed on the unit.

Operating temperatures: The recommended operating temperature range for the sound system is 5 to 40 degrees Celsius (41 to 104 degrees Fahrenheit).

Label location: The product labels and safety related markings are located on the back of the unit and the power adaptor.

Unplugging while in operation: Do not remove the AC power cord if music is playing.

Batteries in the remote control: Keep the remote control battery away from children. It may cause a fire or chemical burn if mishandled. Do no recharge, disassembled, heat above 100 degrees Celsius (212 degrees Fahrenheit). Replace only with a battery of the correct type and model number. (Cr2025).

Used batteries: Please displose of used batteries properly, following the local regulations.
Do not place the battery in the fire.

FRONT VIEW

1. DISPLAY SCREEN: LCD featuring special icons.
2. Volume knob with Standby key & Scrolling Up/Down function:

   - During Standby, short press to switch ON the radio.
   - During operation, long press to switch the radio to STANDBY.
   - During Alarm, short press to SNOOZE.
   - During operation, turn this knob CW to increase the volume or CCW to decrease the volume.
   - In normal operation, press once will change the knob rotation function from volume up/down to scrolling up/down in different mode.
   - In DAB mode, rotate to explore the stations you are searching for or have stored. You can then press on this knob to enter into the station that apppeared in the display.
   - In FM mode, rotate to adjust the FM frequency, stop the rotation when you see your desired frequency.
   - When you are inside the menu, rotate to access the menu upward/downward followed by pressing on it to confirm your selection.

3. IR Receiver Window - receives the signal from the remote control.
4. Blouetooth status indicator: Blink at Pairing mode, ON when connected.

BACK VIEW

1. DC IN: Connect with the provided DC power supply adaptor.
2. AUX IN: Connect audio source to this stereo input.
3. USB Port: Provide DC 5V $===$1A output for USB charging.
4. F Connector: Connnect with the provided DAB/FM antenna.

INSTALLING / REPLACING THE BATTERY

The remote control comes with one CR2025 battery which must be installed. When the range of the remote seems reduced or if it ceases to work properly, it's time to replace the battery.

1. Slide out battery compartment on rear of remote control (remove battery if replacing).
2. Place new CR2025 in battery well as shown (make sure '+' side is facing up).
3. Re-insert battery compartment.
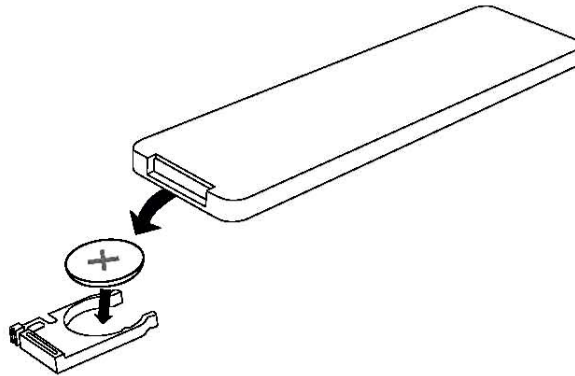
WARNING: Lithium batteries can cause burns if disassembled, shorted, recharged, exposed to water, fire, or high temperatures. Do not place loose batteries in a pocket, purse, or other container containing metal objects, mix with used or other battery types, or store with hazardous or combustible materials. Store in cool, dry, ventilated area. Follow applicable laws and regulations for transport and disposal.

GETTING STARTED

1. Remove the protection slip from the remote control battery compartment as shown below. Your Nakamichi Delta 20 comes supplied with one CR2025 battery.
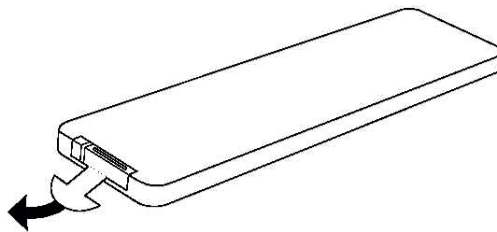
2. Connect the power adaptor's DC plug to the power jack on the back of your product. Then connect the power plug to your AC outlet.
3. The DISPLAY will show "00:00" for the first time.
4. To turn on the unit, press the Volume knob on the front panel or the Standby key on the remote control, the unit will go into the DAB mode and start scanning. If there is a DAB station being received, the clock and date will then be updated automatically. Or otherwise you have to perform the clock settings afterwards.

REMOTE CONTROL

⏻   STANDBY: Press this button to either turn on or put on standby.

(MODE)   MODE: Press to switch between DAB, FM, BT and AUX mode.

(INFO)   INFO: In DAB, FM mode, while receiving a broadcast signal, press this button to display information.

(SCAN)   SCAN: Press to do full scan of station in DAB mode / Press to scan for next station in FM mode.

(EQ)   EQ: Press to access EQ menu. You can select from MY EQ / NORMAL / CLASSIC / JAZZ / POP / ROCK

(◄) (►)   For navigation of the menu in difference mode. Press to select DAB station and FM frequency

(►II PAIR)   PAIR/ PLAY/PAUSE: In BT mode, press and hold for Bluetooth pairing. When Bluetooth connected, short press for play or pause during BT device playback.

(MENU)   MENU: Press this button to access the setting menu.

(BACK)   BACK: Under Menu, press to go back for previous menu layer

(ENTER)   ENTER: Press this button to confirm or enter to next menu.

(+)   VOLUME UP

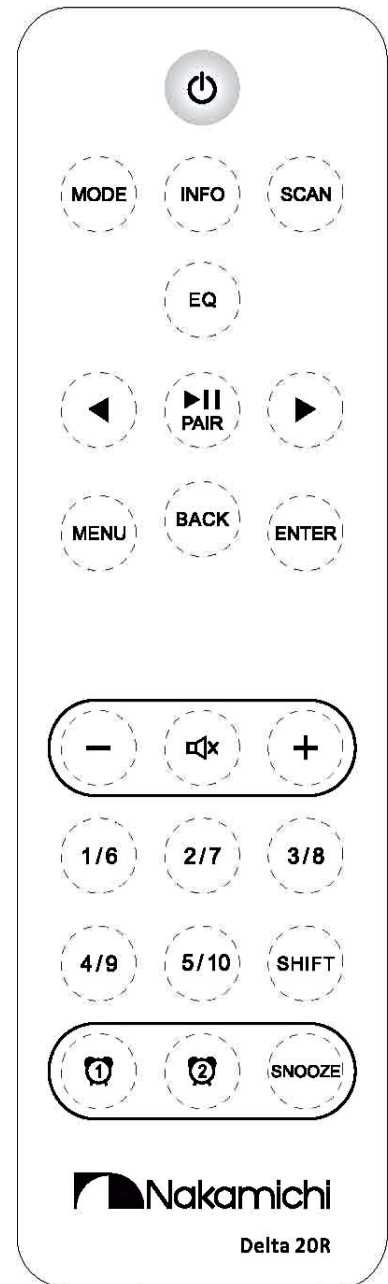(−)   VOLUME DOWN

(🔇)   MUTE: Press this button to mute or un-mute.

(1/6) (4/9)   To store or recall preset stations (DAB and FM mode only)
(2/7) (5/10)
(3/8) (SHIFT)

(①) (②)   ALARM 1 & 2: Press this button to set Alarm 1 and 2

(SNOOZE)   Snooze: During Alarming, go to Snooze
During Snooze, set Snooze duration
During Unit ON (not alarming), set sleep timer

Nakamichi

Delta 20R

LISTENING TO DAB RADIO

1. A scanning operation will be done when the unit is switched ON for the first time. The DAB icon will light up, and the scanning procedure is started: The scanning procedure could take up to a minute to complete.

2. Press (INFO) on the remote control to show the Radio station information on display.

3. To explore the found stations, first press on the VOLUME knob once, then rotate the same knob, or you can press (◄) (►) on the remote control to browse the stations.

4. To select and listen to a station, again press on the VOLUME knob, or you can press the (ENTER) key on the remote control.

5. Press (SCAN) on the remote control to do full scan for DAB stations.

LISTENING TO FM RADIO

1. Select FM radio as the audio source using the (MODE) key on the remote control, the display should display an FM frequency, e.g. "103.2" FM icon will light up on display.

2. To activate manual tuning, first press on the VOLUME knob once, then rotate the same knob to tune to your desired frequency; or you can press (◄) (►) keys on the remote control: one click increases or decreases the frequency by 50kHz.

3. Hold (◄) (►) on your Remote, the FM radio will search for the previous/next station automatically.

4. To search the entire frequency band, press (SCAN), and all the found stations will be automatically stored into the Station Presets 1-10.

5. Repeatedly press (INFO) to show the Radio station information on display.

6. Press (ENTER) to toggle between mono and stereo mode, ◁▯◻◻▷ icon will light up on display in stereo mode.

STORE AND RECALL A RADIO STATION (PRESETS)

1. To store your favorite stations in preset 1-5: Press and hold the preferred preset button until the display indicates 'STORED'.

2. To store your favourite station in preset 6-10: press the (SHIFT) button once, then press and hold the preferred preset button (1/6) (2/7) (3/8) (4/9) (5/10) until the display indicates 'STORED'.

3. You can store up to 10 DAB and 10 FM preset radio stations.

4. To recall a stored in preset station 1-5: press the preferred preset button (1/6) (2/7) (3/8) (4/9) (5/10)

5. To recall a stored in preset station 6-10: press the (SHIFT) button once, then press the preferred preset button (1/6) (2/7) (3/8) (4/9) (5/10)

LISTENING TO THE BLUETOOTH DEVICE

This system can pair with most Bluetooth 2.0 & 2.1 devices. Pairing may vary by device. Consult your Bluetooth device's owner's manual for pairing instructions.

PAIRING

1. Select BT as the audio source using the (MODE) key on the remote control, the display should display "BT".
2. For first time use, the unit will go to Pairing mode automatically and the Blue LED will flash slowly.
3. Turn ON your Bluetooth device (e.g. Smart Phone) settings and scan for devices, "Delta 20" will be shown on your device's Bluetooth list.
4. Connect your device to the BT Speaker with Bluetooth, your device menu will show "Connected", the Blue LED will change to stable ON.
5. You can play your music wirelessly with this system.
6. During Bluetooth connection, if you want to pair another Bluetooth device, you can disconnect the current connection by pressing and holding the (▶‖ PAIR) key for 3 seconds until "DISCOVER" appears in the display; or disable the BT connection by your mobile device menu, the speaker will then go to Pairing mode and other devices can be connected.

Remark:
For devices with Bluetooth 2.0, your device may request you to enter a passcode during pairing, press "0000" on your device.

CONNECT THE LATEST BLUETOOTH DEVICE

1. This is a quick method to connect the unit with the latest Paired device.
2. When the unit is on another mode, press (MODE) key to switch to Bluetooth mode, it will connect with the latest device automatically; the BT LED will keep ON when connection is successful. If the speaker cannot find the latest Paired device in 10 seconds, it will then go back to the Pairing mode and be ready for the pairing from other Bluetooth devices.

Your Bluetooth Speaker can be paired with most Bluetooth devices, pairing may vary on your device. Please consult your Bluetooth device owner's manual for pairing instructions.

PAIRING YOUR BLUETOOTH DEVICE WITH NFC (NEAR FIELD COMMUNICATION) FUNCTION

1. Press ⏻ key on your remote to switch on unit.
2. Turn on the NFC function on your Bluetooth device (I.E. Smart Phone).
3. Place your device surface near the NFC sensor area of your DAB+ Clock Radio (located on top of unit), (Some devices may have a pop up message to confirm the DAB+ Clock Radio connection, select YES to accept).
4. To disable the connection, just place your device surface near the NFC sensor area of the DAB+ Clock Radio again or turn off the NFC function on your device.
5. IMPORTANT PLEASE NOTE: If you wish to connect a different device TURN unit off and then please repeat above steps (1-3) for new device.

LISTENING TO AUXILIARY AUDIO

1. Connect a media player (i.e. Smart Phone) to the aux-in jack on the back of your unit (AUX cable not supplied).
2. Select AUX IN as the audio source using the key on the remote control. "AUX IN" will appear in the display.
3. Rotate the VOLUME knob on the front panel or press the +/- key on the remote control to adjust your volume level.

SETTING YOUR UNIT UP

Press (MENU) on the remote control to enter set up menu in different mode, then press (◄) (►) on remote or rotate the VOLUME knob on the front panel to scroll up and down the menu, followed by pressing (ENTER) on the remote or on the VOLUME knob to enter or save the setting; press (BACK) key on the remote to go back to menu, or press (MENU) key again to exit.

i) DAB mode ONLY

FULL SCAN: Perform full scanning of DAB channels

MANUAL TUNE: Perform Manual DAB frequency setting

Press (◄) (►) to adjust the frequency and press (ENTER) to confirm e.g. (5A 174.928Mhz)

DRC: Set DRC level to High/Low/Off
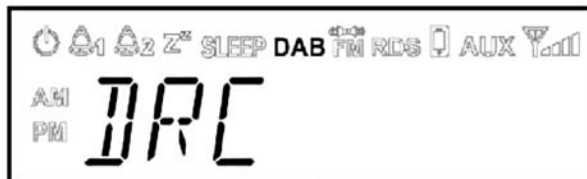
ii) FM mode ONLY

SCAN SETTING: Select STRONG or ALL for scanning reception

STRONG: Scanned for stations received with strong signals only.
ALL: Scanned for all stations received with strong and weak signals.

AUDIO SETTINGS: Set FM MONO/STEREO mode

iii) Available in All Mode

DATE / TIME SETUP: Set the Date and Time manually or synchronised to the DAB / FM broadcast signal

SET TIME: Press ◀ ▶ on the remote or rotate the VOLUME knob on the front panel to adjust the time and date, followed by pressing ⒺⓃⓉⒺⓇ on the remote or pressing on the VOLUME knob to confirm and save.

UPDATE: Select the clock to be automatically synchronised to the broadcasting signal data or not - DAB / FM / NONE / ANY.

If "NONE" is selected, the clock will not synchronise to any broadcasting signal.
If "ANY" is selected, the clock will be synchronised to both the DAB and FM broadcasting signal.

12 / 24 HR: Set the time display mode (12 hours / 24 hours).
BACKLITE: Set the brightness of the display - TIMEOUT duration and LEVEL setting.

TIMEOUT setting (18 SEC - ON)

```
⏻ 🔔₁ 🔔₂ Zᶻ SLEEP DAB FM RDS 🔋 AUX 📶
AM
PM   TIMEOUT
```

LEVEL setting (LOW / HIGH / MEDIUM)

```
⏻ 🔔₁ 🔔₂ Zᶻ SLEEP DAB FM RDS 🔋 AUX 📶
AM
PM   LEVEL
```

Press (◄) (►) on the remote or rotate the VOLUME knob on the front panel to adjust the timeout duration or the level of brightness, followed by pressing (ENTER) on the remote or pressing on the VOLUME knob to confirm and save.

EQ: Press (◄) (►) on the remote or rotate the VOLUME knob on the front panel to select the EQ effect – MY EQ / NORMAL / CLASSIC / JAZZ / POP / ROCK, followed by pressing (ENTER) on the remote or pressing on the VOLUME knob to confirm and save.
Inside the "MY EQ", you can set the level of TREBLE and BASS; the LOUDNESS ON/OFF.

RESET: Select to reset the unit, choose "YES" and press (ENTER) on the remote to start the factory reset or "NO" to cancel reset.

```
⏻ 🔔₁ 🔔₂ Zᶻ SLEEP DAB FM RDS 🔋 AUX 📶
AM
PM   RESET
```

Remark: All time, date, alarm, radio setting and Bluetooth device memories will be lost.

SW VER: Show the firmware version of the unit

```
⏻ 🔔₁ 🔔₂ Zᶻ SLEEP DAB FM RDS 🔋 AUX 📶
AM
PM   SW VER
```

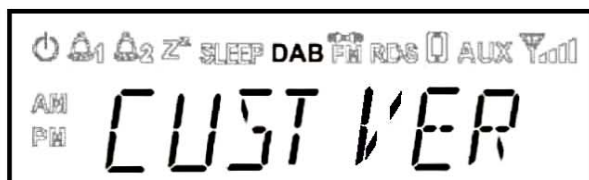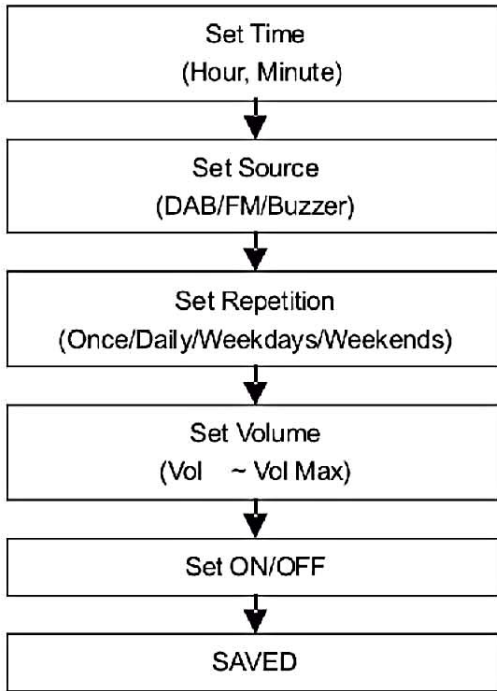**CUST VER:** Show the customer / factory version of the unit

```
⏻ 🔔₁ 🔔₂ Zᶻ SLEEP DAB FM RDS 🔋 AUX 📶
AM
PM   CUST VER
```

USING THE ALARM

i) Set the Alarm

1. Switch ON the radio, press (🔔) or (🔔) key on the remote control to select ALARM 1 or ALARM 2, a blinking 🔔 or 🔔 icon will be shown on display.

2. Press (ENTER) to (◄) (►) start, press on remote or rotate the VOLUME knob on the front panel to adjust the setting, then press (ENTER) or press on the VOLUME knob to confirm and go to the next setup item, or press (BACK) to go back to previous setup item.

```
┌─────────────────────────┐
│        Set Time         │
│     (Hour, Minute)      │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐        If selecting "DAB" and "FM", set the target alarm station
│       Set Source        │        from the preset or last stations before going to the next step.
│    (DAB/FM/Buzzer)      │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐        If selecting "Once", set the target alarm date before going to
│     Set Repetition      │        the next step.
│(Once/Daily/Weekdays/Weekends)│
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│       Set Volume        │
│     (Vol   ~ Vol Max)   │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│       Set ON/OFF        │
└─────────────────────────┘
            │
            ▼
┌─────────────────────────┐
│         SAVED           │
└─────────────────────────┘
```

3. When the Alarm is set to ON and saved, the 🔔 or 🔔 icon will be shown on display to indicate alarm is active.

ii) Switching the Alarm on and off

1. At standby mode, press the (🔔) and (🔔) key to activate/deactivate the alarms or switch on the radio, press (🔔) or (🔔) key on the remote control to select ALARM 1 or ALARM 2, then press (◄) (►) to select ON/OFF, then press (ENTER) to save.

2. The 🔔 and 🔔 icons light up on display indicating that the alarm is active.

iii) Snooze and acknowledge the Alarm

While the alarm is active, press "SNOOZE" key on the remote control or the "STANDBY" key at main unit to snooze the alarm for several minutes (based on setting, default at 15 minutes, you can press "SNOOZE" on remote repeat to set next snooze time). The z^z icon will light up to indicate snooze is active.
To disable snooze function, press "STANDBY" key on remote or main unit again.

CHARGING DEVICE VIA USB CONNECTION

1. Connect your DAB+ Clock Radio to Main Power using Power lead supplied.
2. Plug 1 end of the USB cable into the USB port of the back of your DAB+ Clock Radio, plug the other end of the USB cable into your device (I.E. Smart Phone) for USB charging (USB cable not supplied).

TROUBLE SHOOTING AND SUPPORT

1. If your DAB+ Clock Radio does not work as expected please first read this manual.
2. No operation: Check the power adaptor and main power have been turned on.
3. If still not successful please contact Nakamichi Service Support. Please refer to page 12 for details.

WHAT'S INCLUDED

- DAB Radio x 1 pc
- DAB/FM Antenna x 1 pc
- Power Adaptor (DC 12V === 2A) x 1 pc
- Remote Control with battery x 1 pc

SPECIFICATIONS

Model	Delta 20
Bluetooth specification	Bluetooth V2.1
Transmission distance	10m music transmission without barrier
Output power maximum	2 x 10W
USB charging	DC 5V === 1A
AUX input	3.5mm Stereo
Product weight	2.5kg
Product size	W295 x H122 x D180mm

Nakamichi®

NAKAMICHI SERVICE CONTACT DETAILS

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Australia

Hours of Operation
Monday - Friday
9am to 5:30pm AEST excluding Public Holidays

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New Zealand

Hours of Operation
Monday - Friday
9am to 5:00pm excluding Public Holidays

Or visit the Nakamichi website anytime 24/7 and use the e-warranty service to make a claim.