

neon®

Clock Radio With Bluetooth
INSTRUCTION MANUAL

Model MS115BT

- Batteries (battery pack or batteries installed) shall not be exposed to excessive heat such as sunshine, fire or the like.
- Supervision**
 - Children should be supervised to ensure that they do not play with the unit.
 - Never let anyone especially children push anything into the holes, slots or any other openings in the case - this could result in a fatal electric shock.
- Service**
 - To reduce the risk of electric shock, do not remove screws. The unit does not contain any user-serviceable parts. Please leave all maintenance work to qualified personnel.
 - Do not open any fixed covers as this may expose dangerous voltages.
- Maintenance**
 - Ensure the unit is fully unplugged from the power supply before cleaning.
 - Do not use any type of abrasive pad or abrasive cleaning solutions as these may damage the unit's surface.
 - Do not use liquids to clean the unit.
- FCC**

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

INDUSTRY CANADA

This device complies with Industry Canada licence-exempt RSS (standards). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.

Conformément à la réglementation d'Industrie Canada, le présent émetteur radio peut fonctionner avec une antenne d'un type et d'un gain maximal (ou inférieur) approuvés pour l'émission par Industrie Canada. Dans le but de réduire les risques de brouillage radioélectrique à l'endroit des autres utilisateurs, il faut choisir le type d'antenne et son gain de sorte que la puissance isotrope rayonnée équivalente (P.I.R.E.) ne dépasse pas l'intensité nécessaire à l'établissement d'une communication satisfaisante.

L'équipement approuvé ne conforme aux CNR d'Industrie Canada applicables aux appareils radio exempts de licence. L'exploitation est autorisée aux deux conditions suivantes: (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter tout brouillage radioélectrique subi, même si le brouillage est susceptible d'en compromettre le fonctionnement.

Pack Contents

- Make sure all of the following contents are included:
 - Main Unit
 - Main Adapter
 - Audio Cable
 - Instruction Manual

Product Overview

- 1. MAIN**
 - Step to revouchcircuit track
 - Select a preset radio station
 - Adjust time
- 2. B/BSET**
 - Start or pause
 - Set the clock
 - Program radio stations
- 3. VOL+ / VOL- / M**
 - To increase/decrease the volume
 - TUNE+ / TUNE- / M**
 - Search within a track/USB
 - Tune to a radio station
 - ALARM1 / ALARM2**
 - Set the alarm time
 - Turn off the alarm time
 - View alarm settings
 - Stop alarm
 - BRIGHTNESS/NOISE**
 - Adjust the display brightness
 - Repeat the alarm
 - SLEEP**
 - Set the sleep timer
 - 0 / SOURCE**
 - Turn on the clock or switch to standby mode
 - Select a source
 - During play, select display information
 - DISP / ALL**
 - For selected FM radio stations, display RDS information
 - 4. ANT**
 - Attached FM radio antenna
 - 5. AUX IN**
 - Connect an external device
 - 6. +5V 1A**
 - Connect the USB mass storage device
 - 7. USB Charging Port**
 - Connect the AC Adapter
 - 8. DC 5V**
 - Battery compartment
 - 9. Speaker**
 - 15. Display panel
 - Show current status

Power Operation

Caution: Make all connections before plugging the unit into the AC power outlet.

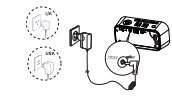
Install battery

Caution: Risk of explosion! Keep battery away from heat, sunshine or fire. Never discard batteries in fire.

For first-time use

- Remove the protective tab to activate the battery.
- Keep new and used batteries away from children.
- If the battery compartment does not close securely, stop using the product and keep it away from children.
- If you think batteries might have been swallowed or placed inside any part of the body, seek immediate medical attention.
- Batteries used in the remote control for this unit are easily swallowed by young children and this is dangerous.
- Keep loose batteries away from young children and make sure that the battery holder tray is secure in the remote control. Seek medical advice if you believe a cell has been swallowed.
- Please dispose of batteries correctly by following the guidance in this manual.

Connecting the AC Power



Insert the AC adapter's DC plug into the unit, then insert one side of AC power cord into a wall outlet, and your system is at your command!

Caution: Be sure to unplug the power plug from the outlet when going out or when the unit is not in use for an extended period of time.

Turning the Power On and Off

Turning the System On

Press the **0** button, the unit switches to the last selected source.

Switching the system to Standby mode

Press and hold the **0** button to switch the unit to standby mode. The time (if set) appear on the display panel.

Setting the Clock

Setting the Clock Manually

- In standby mode, press and hold the **SET** button for 2 seconds, [24] will begin to blink on the display panel.
- Set the 1224 hour format with the **M** and **0** buttons.
- Press the **SET** button to confirm and the hour digits begin to blink.
- Repeat above steps 2-3 to set the hour, minute, month, day, and year.

Note: If no button is pressed in 15 seconds, the unit exits clock setting mode automatically.

Automatically synchronize clock with RDS

Tune to a RDS radio station that transmits time signals, the unit can synchronize with RDS station automatically.

General Operation

Adjust volume level

During play, press the **VOL+ / VOL-** buttons to increase/decrease the volume level.

Adjust display brightness

Press the **BRIGHTNESS** button repeatedly to select different levels of display brightness.

Listening to Radio Broadcasts

Caution: Position the antenna as far as possible from TV, VCR or other radio source.

For optimal reception, fully extend and adjust the position of the antenna.

Tuning to a Station

- Repeatedly press **SOURCE** button to select the FM source.

Auto Tuning

Press and hold the **TUNE+ / TUNE-** buttons for one second or more, the frequency changes down or up automatically until a station is found.

Manual Tuning

Repeatedly press the **TUNE+ / TUNE-** buttons to change the frequency until you find the station you want.

Select a preset radio station

Repeatedly press the **M** and **M** buttons to select the desired preset number. Its band and frequency are displayed on the front panel.

Program radio stations manually

You can program a maximum of 20 preset radio stations (PM).

Automatically

Press and hold the **SET** button for two second or more to activate automatic program mode.

- [AUTO] is displayed.
- All available stations are programmed.
- The first programmed radio station is broadcast automatically.

Manually

- Tune to a radio station.
- Press the **SET** button to activate program mode.
- The preset number will blink.

- Repeatedly press the **M** and **M** buttons to allocate a number to this radio station.

Note: If you select more than 20, the preset number will be changed to "1" automatically.

- Press the **SET** button again to store the station.

- Repeat above steps 1 to 4 for each station you want to store in memory with a preset number.

Note: If the system is unplugged if a power failure occurs, the preset stations will not be erased.

Show RDS information

Many FM stations are broadcasting added data compatible with Radio Data System (RDS). This radio set offers convenient functions using such data.

Press the **DISP / ALL** button repeatedly to select the information that displayed as follows.

Programme Service Name

When an RDS station is received, the RDS name of that station instead of the frequency. When the **DISP / ALL** button is pressed during Programme Service display, the Clock Time is displayed for few seconds, then Programme Service display returns.

Programme Type

Programma type identification signal. (Example: News, Rock, Classical music.)

Radio Text

This display the news of stations.

Clock Time System

The Clock Time system may not properly operate in areas where RDS Clock Time service is not available. Once Clock Time service is received, the Clock Time system keeps operating. "RDS CLOCK" is displayed in areas where no Clock Time services are available.

Changing Display

During Programme Service display, press the **DISP / ALL** button repeatedly to select the Clock Time, Programme Type or Frequency. They will be displayed for a few seconds, then the Programme Service display returns.

Use the USB

Caution: Do not use a high-capacity USB hard disks.

By connecting a USB mass storage device (including USB flash memory, USB hard drives or memory cards) to this unit, you can enjoy the device's stored music through the unit.

- Insert the USB device's USB plug into the **+5V 1A** socket on the rear of the unit.

- Repeatedly press **SOURCE** button to select the USB source.

- The device's stored music will be played automatically.

- To pause/resume play, press **M**.

- To skip to a track, press **1**.

- To back/forward/backward the track, press **1** or **1**.

- To increase or decrease the volume, press **VOL+ / VOL-**.

Connect with USB Cables

- Insert one plug of the USB cable to the **+5V 1A** socket on the rear of the unit.

- Insert the other plug of the USB cable to the USB output terminal of the USB device.

For memory Cards:

- Insert the memory card into a card reader.

- Use a USB cable to connect the card reader into the **+5V 1A** socket on the rear of the unit.

Charge for external devices

When the unit is connected to power, the **+5V 1A** socket on the rear of the unit to charge of part of the external devices, such as phone.

Play from Bluetooth device

The unit has a Bluetooth function that can receive a signal within 10 metres.

Playing the unit with a Bluetooth device to listen to music:

- Repeatedly press **SOURCE** button to select the Bluetooth source.

- Activate your Bluetooth device and select the search mode.

- "MS115BT" will appear on your Bluetooth device.

- Select "MS115BT" and enter "0000" for the password if necessary.

- Start music play on your Bluetooth device, you can use this unit to control the function to your Bluetooth device.

- To pause/resume play, press **M**.

- To skip to a track, press **1**.

- To increase or decrease the volume, press **VOL+ / VOL-**.

- Long pressing the **SET** button for 5 seconds or more to disable the function from your Bluetooth device.

Note:

- If the signal strength is weak, your Bluetooth receiver may disconnect, but it will enter pairing mode automatically.

- This unit supports A2DP (Advanced Audio Distribution Profile).

Listening to an external device

You can also listen to an external audio device through this unit.

- Repeatedly press **SOURCE** button to select the AUDIO IN source.

- Connect the audio cable to:
 - the AUX IN jack (3.5mm) on the back of the unit.
 - the headphone jack on an external device.

- Start to play the device (see the device user manual).

Setting the alarm timer

You can set two alarms which go off at different time.

- Ensure that you have set the clock correctly (See "Setting the Clock").

- Press and hold the **ALARM1** or **ALARM2** buttons for 2 seconds or more, the **0** or **0** and the hour digits begin to blink.

- Set the hour with the **M** and **0** buttons.

- Press the **SET** button to confirm and the minute digits begin to blink.

- Repeat above steps 3-4 to set the minute.

- Repeat above steps 3-4 to select whether to ring alarm the whole week, on weekdays, or at weekend.

- Repeat above steps 3-4 to set the alarm tone (FM, BZZZ or USB).

- Repeat above steps 3-4 to set the alarm volume.

Note: If USB source is selected and the alarm cannot be played, BZZZ is activated automatically.

To deactivate or re-activate an alarm timer

Press the **ALARM1** or **ALARM2** buttons twice in normal clock display mode to activate alarm function and again to deactivate it.

- If timer is activated, **0** or **0** is displayed.

- If timer is deactivated, **0** or **0** is disappeared.

Repeat alarm

When the alarm rings, press the **SNOOZE** button, the alarm repeats ringing 9 minutes later.

Stop alarm ring

When the alarm rings, press the corresponding **ALARM1** or **ALARM2** buttons, the alarm stops but the alarm settings remain.

View the alarm settings

Press the corresponding **ALARM1** or **ALARM2** buttons.

Setting the Sleep Timer

You can set the unit to turn off automatically after a certain period of time.

- When the unit is turned on, press the **SLEEP** button repeatedly to select a set period of time (in minutes):

- 120, 90, 60, 45, 30, 15

When sleep timer is activated, the "SLEEP" is displayed.

To deactivate sleep timer

Repeatedly press the **SLEEP** button until "OFF" is displayed.

When sleep timer is deactivated, the "SLEEP" is disappeared.

Specifications

Main adapter

Model No. Y12FE-050-2000C (for Germany)

..... Y12FC-050-2000B (for UK)

..... Y12FE-050-2000U (for USA)

Vendor

Input

Output

Main Unit

FM Frequency Range

Output Power

Speaker Impedance

Speaker Input Power

Troubleshooting

If you are having a problem with your unit, check this list for a possible solution before calling for service.

If you cannot solve the problem from the items given here, or the unit has been physically damaged, call a qualified person, such as your dealer, for service.

No power

- Ensure that the AC adapter is connected securely.

- Ensure that there is power at the main switch.

No sound

- Adjust the volume.

- Disconnect and reconnect the AC adapter, then turn on the unit again.

Poor radio reception

Increase the distance between the unit and your TV or VCR.

- Fully extend and adjust the FM antenna.

Timer does not work

- Set the clock correctly.

- Switch on the timer.

Clock/timer setting erased

- Power has been interrupted or the power cord has been disconnected.

- Reset the clock/timer.



The symbol on the product or its packaging indicates that this product must not be disposed of with your other household waste. Instead, it is your responsibility to dispose of your waste equipment by handing it over to a designated collection point for the recycling of waste electrical and electronic equipment.

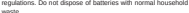
The separate collection and recycling of your waste equipment at the time of disposal will help conserve natural resources and ensure that it is recycled in a manner that protects human health and the environment.

For more information about where you can drop off your waste for recycling, please contact your local authority or where you purchased your product.

Notes for battery disposal

The batteries used with this product contain chemicals that are harmful to the environment. To prevent our environment, dispose of used batteries according to your local laws or regulations. Do not dispose of batteries with normal household waste.

For more information, please contact the local authority or your retailer where you purchased the product.



This device complies with FCC radiation exposure limits set forth for an uncontrolled environment.