

WIRELESS HEADPHONE SYSTEM

For W900-MULTI and W901-MULTI

INSTRUCTION MANUAL

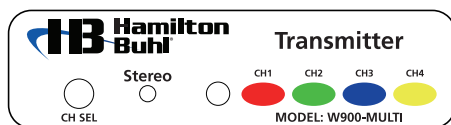


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W900-MULTI Transmitter Setup

1. Extend the antenna vertically to full height.
2. Plug the 12V/1A power adapter into “DC12V” socket on the rear of transmitter, then insert power adapter into power outlet.
3. To select channel, press “CH SEL” on the front panel of the transmitter (bottom left side). Press again for the next channel.
4. “Stereo” LED indicates Mono or Stereo mode. ON means stereo mode and OFF means mono. Press and hold “CH SEL” for 3 seconds to toggle mode and the LED will change state.
5. Connect the 3.5mm stereo plug into any stereo mini jack sources of your choice to transmit contents wirelessly to W901-MULTI.
6. Adjust volume control on the sound source to the desired output level.
7. Using the microphone: Connect mono-type mic jack into marked mic socket on the rear panel of transmitter (microphone not included).
8. IMPORTANT: When not using the microphone, remove the microphone plug from the back of the transmitter to resume normal operation.

NOTE: The 900-MULTI does not contain built-in rechargeable batteries.



Using Your W901-MULTI Wireless Headphones

NOTE: Fully charge headphones before first use.

1. Press and hold the “Power” button for 3 seconds or more to turn on the headphone. The selected channel color will be shown on the side of the ear cup.
2. The channel LED indicator will show five colors: “Yellow – Blue – Flashing Blue – Green – Red”. Blue for Mono mode and Flashing Blue for Stereo mode.
3. Quick-press the “Power” button to change channels to the color that matches the transmitter channel color.
4. Adjust the volume control buttons: “Vol +” or “Vol –” to desired volume level.
5. When finished using the headphone, press and hold the “Power” button for 3 seconds to turn off.
6. When battery is low, the “CH LED” indicator will flash red, and power will turn off automatically. Plug the power adapter in to recharge.

NOTE: To operate correctly, make sure to select the same color channels for both transmitter and headphone.

Charging Instructions for W901-MULTI:

IMPORTANT: Do not charge the headphone battery for longer than 8 hours.

The charging lead is designed to charge up to six headphones simultaneously. Disconnect the power adapter plug from the transmitter, and insert into the socket on the charge lead.

- 1. Fit one of the charger lead plugs into the socket on the headphone, as shown below.
- 2. Check that the headphone is powered off. Connect the power adapter to outlet and charge for 5 to 5.5 hours. The red LED will turn on to indicate charging, and it will turn off when headphones are fully charged. When fully charged, remove the power adapter from the outlet.



Transmitter and Wireless Headphone Specifications

TRANSMITTER W900-MULTI	
System Type	VHF-FM
Channels	4
Antenna	Telescopic
Range	100 ft.
Audio Input	-20 to 20dBm
Power Output	10mW
Power Supply	12 volts DC

HEADPHONE W901-MULTI	
System Type	VHF-FM
Channels	4
Speaker	30mm Mylar
Batteries	NiNH
Run Time	18-19 hrs
Weight	10 oz

CHANNEL: COLOR AND FREQUENCY			
Yellow	Blue	Green	Red
72.100 MHz	72.500 MHz	72.900 MHz	74.700 MHz

In the Box

W900-MULTI

- Unit
- Instruction Manual
- 5072 - 1/4" Plug
- W980 - Power Adapter

W901-MULTI

- Unit
- Instruction Manual

Accessories (not included)

W990

Replacement 6-way charging cable for 900 series headphones. Do not combine two W990 cables with one AC power adapter (W980).

Note: To charge an additional headphone, be sure to purchase an additional AC power Adapter (W980). A single AC power adapter is only capable of charging 6 wireless headphones at one time.



W980

Replacement 12V AC

Note: A single AC power adapter is only capable of charging 6 wireless headphones at one time. Do not combine two 6-way charging cables (W990) with one AC power adapter (W980).



Product Registration Instructions

Visit: www.HamiltonBuhl.com

1. Click on Customer Care
2. Click on Product Registration Form
3. Please fill out all fields marked with * to register your product



Warranty

Warranty begins the date item ships from our warehouse. All products have a one year warranty from original date of shipment, unless otherwise noted.

Instruction Manual



Portable Bluetooth® CD Player with
Cassette Recorder and FM Radio

MPC-5050 (MPC5050BT)



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Warnings and Precautions

Caution:

- TO PREVENT ELECTRIC SHOCK, FULLY INSERT THE PLUG INTO THE OUTLET, ENSURING THE WIDE PRONG IS IN THE CORRECT SLOT.
- Use of any controls or adjustments or performance of procedures other than those herein specified may result in hazardous radiation exposure.
- There is a danger of explosion if batteries are placed incorrectly.

Warning:

- To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.
- Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.
- Do not place the unit on top of any soft, porous, or sensitive surfaces to avoid damaging the surface. Use a protective barrier between the unit and surface to protect the surface.
- Use of this unit near fluorescent lighting may cause interference.
- There is a danger of explosion if you attempt to charge standard alkaline batteries in the unit. Only use rechargeable NiMH batteries.
- Shock Hazard - Do Not Open.
- Mains plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the main completely, the mains plug should be disconnected from the mains socket outlet completely.
- Do not mix old and new batteries. Do not mix alkaline, standard (carbon-zinc), or rechargeable (Ni-Cad, Ni-Mh, etc.) batteries.

CAUTION

RISK OF ELECTRICAL SHOCK
DO NOT OPEN

WARNING: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER OR BACK. NO USER-SERVICEABLE PARTS INSIDE.



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.



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.



This product utilizes a Class 1 laser to read compact discs. The laser CD Player is equipped with safety switches to avoid exposure when the CD door is open and the safety interlocks have failed. Invisible laser radiation is present when the CD Player’s lid is open and the system’s interlock has failed. It is very important that you avoid direct exposure to the laser beam at all times. Do not attempt to turn off or bypass the safety switches.

Important Safety Instructions

1. Please read, follow and keep these instructions and comply with all recommended cautions.
2. Do not use this unit near water.
3. Clean with a dry cloth only.
4. Do not block ventilation openings.
5. Do not place the unit near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
6. Follow safety precautions and use a polarized or grounded-type plug. A polarized plug has two blades with one prong wider than the other. A grounded-type plug has two prongs and a third grounding prong. The wide blade or the third prongs are provided for your safety. If the provided plug does not fit your outlet, consult an electrician for replacement of the obsolete outlet.
7. Protect the power cord from being walked on or pinched, particularly at plugs, or where they exit the unit.
8. Only use attachments and accessories specified by the manufacturer.
9. Unplug the unit during lightning storms or when unused for long periods of time.
10. Refer all service needs to qualified service personnel. Servicing is required if the unit has been damaged in any way, such as power cord (or plug damage), if liquid has been spilled or objects have fallen into the unit, if exposed to rain or moisture, or if dropped and not working properly.

Note: When placing your unit on a lacquered or natural finish, protect your furniture with a cloth or other protective material.

FCC Warnings

NOTE: 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 or more 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.

Additional Warnings

- The apparatus shall not be exposed to dripping or splashing and that no objects filled with liquids, such as vases, shall be placed on apparatus.
- Main plug is used as disconnect device and it should remain readily operable during intended use. In order to disconnect the apparatus from the mains completely, the mains plug should be disconnected from the mains socket outlet completely.
- Battery shall not be exposed to excessive heat such as sunshine, fire or the like.
- Caution marking is located at the rear or back of the apparatus.
- The marking information is located at the rear or back of apparatus.



This symbol indicates that this product incorporates double insulation between hazardous mains voltage and user accessible parts.

Feature Controls



Feature Controls

1. AUX-In Jack (Line in)
2. Power Button
3. **▶▶** Tune+ or **◀◀** /Tune- Button
4. Play/Pause/Pair Button **▶/||**
5. Stop/M+ (Memory Up) Button **■/M+**
6. X-BASS Button
7. FM Antenna Rod
8. Carrying Handle
9. Repeat Button
10. MEM/PROG Button
11. Source Button
12. Volume Buttons
13. CD Open Button
14. Cassette Pause Button
15. Cassette Stop/Eject Button
16. Cassette F.FWD/REW Button
17. Cassette Play Button
18. Cassette Rec Button
19. Speakers
20. LCD Display
21. 6x Headphone Jacks
22. DC in (DC-6v)
23. Battery Compartment ("C" Battery x8)

Technical Specifications

- Model: MPC-5050 (MPC5050BT)
- Bluetooth® 2.1
- Adapter AC Input: AC100-240V~50/60Hz
- Adapter DC Output: DC 6V 1.2A
- Batteries Power: DC 12V (8x1.5V) "C" size UM-2/LR14 Batteries
- Output Power: 2 x 2 Watts
- Speaker: 76mm (3") Cone Type
- AUX-In: 3.5mm Jack
- Headphone: 3.5mm x 6
- Dimensions: 13.39" L x 10.24" D x 5.31" H
- Weight: 5.07 lbs.
- Operation Temperature: +41°F - +95°F
- General Frequency: FM 88 - 108 MHz
- CD Optical Pick-Up Lens: 3 Beam Semiconductor Laser

In the Box

- AudioAce™
- Power Supply
- Instruction Manual



Getting Started / Main Operation

Power On the Unit:

Press the **Power** button to turn the unit on or off.

Adjusting the Volume:

Press the **Volume** buttons to increase or decrease the volume level.

Adjusting the Antenna Rod:

The antenna should be extended to ensure good reception. It may be necessary to alter the position of the unit and/or antenna to achieve the best signal.

Using Headphones:

This unit can support up to 6 headphones connected together. The headphone sockets are located on the side of the unit. The headphones must be compatible with a 3.5mm diameter plug.

X-BASS (Bass Boost):

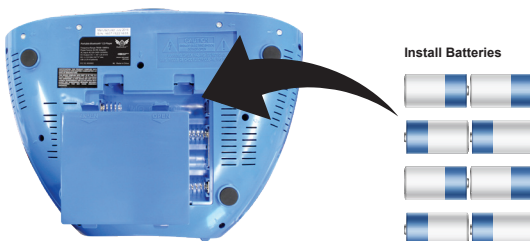
Press the X-BASS button to turn on or off X-BASS function.

DC Batteries / AC Power Operation

Battery Operation:

Before installing batteries, ensure that the unit is disconnected from the main AC power supply. Remove the battery compartment cover on the bottom of the unit.

This unit utilizes (8) 1.5V C-size batteries (not included). Be careful to insert the batteries according to the correct polarity +/- . Never mix old and new batteries. Re-attach the cover. For battery operation, disconnect the main AC power supply and remove the cable from the power socket. Battery operation will be selected automatically.



AC Operation:

Use the 6V adapter (included) by connecting the small end of adapter cable into the DC jack at the rear of the unit. Insert the adapter plug into a conveniently-located AC outlet. **Please ensure that your mains supply is compatible before use.**



Listening to the Radio

Using the Radio:

1. Press the **Source** button to select **FM** mode.
2. The **LCD Display** will show the frequency of the radio.

Automatic Radio Tuning:

1. In **FM** mode, press the **▶▶/Tune+** or **◀◀/Tune-** to manually scan through the frequency band.
2. If the reception does not improve, try altering the position/length of the antenna. If the reception is still poor, scan again to determine whether a stronger signal exists for the desired frequency.

Programming Radio Presets:

You can preset up to 20 stations.

1. Tune to the station you wish to preset (see Using the Radio).
2. Press the **MEM/PROG** button, the preset station number (P01-P20) will appear on the display.
3. Use the **Stop/M+** button to select the preset position.
4. Press the **MEM/PROG** button again to save the current station into the specified preset.
5. Repeat steps 1-4 to store additional radio presets.

Recall a Preset Radio Station:

1. Press the **Stop/M+** button to search for your preset radio stations.

Listening to CDs

Insert a CD:

1. Open the CD door by pressing the Open button.
2. Insert a disc into the disc compartment with the title side up.
3. Close the CD compartment door.

Removing a CD:

Press the **Stop/M+** button once, open the CD door by pressing **Open** button. Remove the CD when it has stopped spinning.

Playing a CD:

1. Press the **Source** button to select CD mode.
2. Insert CD into player, “---” will appear for a few seconds, and the total track/ file number will appear on the display and the CD will automatically start playing.
3. Press **▶▶/Tune+** or **◀◀/Tune-** button to jump to next/previous track playing.
4. Press and hold the **▶▶/Tune+** or **◀◀/Tune-** button to fast forward/rewind the track playing.
5. Press the **Play/Pause/Pair** button to pause the CD playing. Press again to resume play.
6. Press the **Stop/M+** button to stop the CD playing.
7. After all tracks have been played, the CD player will stop automatically.

Programming CD Tracks:

You can preset up to 20 program tracks for easy access. “FU” will appear on the LCD display when 20 tracks have been programmed.

1. Make sure the CD is not running by pressing the **Stop/M+** button.
2. Press the **MEM/PROG** button once, and “P01” will blink on the LCD display, then “00” will appear on the LCD display.
3. Press the **▶▶/Tune+** or **◀◀/Tune-** button until the display shows the desired track number.
4. Press the **MEM/PROG** button to store the selection
5. Repeat steps 3-4 to store additional tracks.
6. Once the last desired track is programmed, press the **MEM/PROG** button to complete the programming process.
7. To play the stored sequence, press the **Play/Pause/Pair** button.
8. To cancel program, press the **Stop/M+** button twice.
9. After all memory tracks have been played, the player will stop automatically.

Using Repeat Function:

1. Press the **Repeat** button once to repeat current track playing.
2. Press the **Repeat** button twice to repeat all tracks on the CD.
3. To cancel the repeat function, press the **Repeat** button until “**1 or ALL**” icons disappear or press the **Stop/M+** button.

Using a Bluetooth® Device

This unit can connect to any Bluetooth®-enabled device by following the steps below.

Setup Your Unit on Bluetooth® (bt) Mode:

1. Press the **Source** button to select **(bt)** mode.
2. “**bt**” will be flashing on the LCD display.
3. Follow the next step below.

Set your Bluetooth®-Enabled Device to “Discover” Your Unit:

1. First make sure that Bluetooth® is activated on your device.
2. Then, set your Bluetooth®-enabled device to search for your unit.
This usually involves going to “setup”, “connect” or Bluetooth® menu on your device and selecting the option to search/scan/discover a Bluetooth® device.
3. Your device will find the unit under the name “**MPC5050BT**”.
4. Your Bluetooth®-enabled device will then ask to pair with the unit.
5. Accept by pressing “yes” or “ok” on the Bluetooth®-enabled device.
6. When Bluetooth®-enabled device has been successfully paired, the “**bt**” digits of LCD display will stop flashing and make a sound.

Note: These steps must be repeated when pairing any new Bluetooth®-enabled device.

Warning: If connection is unsuccessful, the “**bt**” will flash slowly on the LCD display.

After Initial Pairing:

If the unit has already been paired with a Bluetooth®-enabled device, it will automatically start searching for the previously paired device. Once the previously paired device is found, the “bt” digits will stop flashing and make a sound.

Playing Audio Via Bluetooth®:

1. When Bluetooth® has been successfully paired, press the **Play/Pause/Pair** button to play or pause music from your unit.
2. Press **▶▶/Tune+** **◀◀/Tune-** or button to jump to next/previous music track.
3. Music can also be controlled from the Bluetooth®-enabled device.

Incoming Call:

The volume of the music will automatically lower when you have an incoming call. When the call is complete, the music will resume at the original set volume.

Using AUX-In (line in)

Requires a 3.5mm cable (not included), and external media player (not included)

1. Press the **Source** button to select **AUX** mode.
2. Plug a 3.5mm audio cable into your external media player (via the headphone jack or AUX out or Line out).
3. Plug the other end of the cable to the **AUX-In** jack of the unit.
4. Make sure both units are turned on.
5. Use the controls on the connected media player to select and play audio.
6. Music can only be controlled from the media player.

Listening to a Cassette

Insert or Remove a Cassette Tape:

1. **To insert your cassette tape:** Press the **Stop/Eject** button to open the cassette door. Insert your cassette tape into the compartment with the exposed section of the tape facing upward. The side that you wish to listen to record onto should be facing towards you. Push the cassette door unit it locks in place.
2. **To remove your cassette tape:** Press the **Stop/Eject** button to open the door then lift the cassette out.

Playing Cassettes:

1. Press the **Source** button to select **Tape** mode.
2. When the Tape mode is selected, "**TAP**" will appear on the LCD display.
3. Insert the cassette tape and press the **PLAY** button.
4. The unit will automatically stop playing when it has reached the end of the cassette. If you wish to continue playing the cassette; please press **Stop/Eject**, remove the cassette, flip the cassette over to the other side, reinsert the cassette and press **Play**.
5. Press the **Stop/Eject** button to stop the tape. Press the **Stop/Eject** button again to open the cassette door.
6. Press **F.FWD** or **REW** button to fast forward or rewind through the tape.

Note: To avoid damage to the unit and your cassette, press the **Stop/Eject** in between each operation. For example; when fast forwarding your cassette while playing, always press **Stop/Eject** before pressing **F.FWD**.

Recording to Your Cassette Tape:

1. Insert a cassette.
2. Select the source you want to record (**CD/FM/BT/AUX-In/TAP**) and start playing the selected source.
3. If you select **TAPE** mode, you can speak into the unit to record your voice. For best results, make sure you are facing the cassette door.
4. Press the **Record** button to start recording.
5. To stop recording, press the **Stop/Eject** button once.
6. To playback the recording, press the **REW** button to rewind, then press the **Play** button to start playing.

Troubleshooting

Function	Issue	Possible Cause	Solution
CD Playback	"NO" appears in CD playback mode	CD is inserted upside down	Insert CD in correctly with CD graphic face up
		CD is damaged, scratched or dirty	Wipe CD with microfiber cloth or use another disc
		Incompatible CD format	Supports Audio CD, CD-R, CD-RW disc
		Source button is not set to CD	Push the source button to select CD function
	CD Playback intermittent or skipping	CD is damaged, scratched, dirty or CD lens is dirty	Wipe CD with microfiber cloth or use another disc. Use a CD lens cleaning disc to clean lens
FM Radio	Noise or sound distorted	Station not tuned properly	Carefully adjust tuner to the desired radio station
		Telescopic antenna is not fully extended	Fully extend the FM telescopic antenna
Cassette Playback/Recording	Poor Sound Quality	Dust or dirt in the cassette player head, capstan, or pinch roller	Use a cassette tape cleaner to clean cassette head
Aux In Playback	No Sound	Aux-In Cable not inserted properly or is faulty	Make sure the Aux-In cable is fully inserted into the Aux-In jack. Replace Aux-In cable.
All Functions	No Sound	Volume Dial is low	Turn up the volume button to the desired sound level

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