

JL AUDIO MediaMaster 105 Weatherproof Source Unit Owner's Manual

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JL AUDIO MediaMaster 105 Weatherproof Source Unit



MediaMaster® 105 Owner's Manual

This manual provides comprehensive instructions for the MediaMaster® 105, including installation, operation, and troubleshooting.

Safety Considerations

- Only use this product in vehicles with 12V, negative-ground electrical systems.
- Do not disassemble or repair the product yourself.
- · Abide by all safety instructions and warnings.

Installation Considerations

- Use appropriate tools and materials for installation.
- Do not run wires near sharp edges or moving parts.
- Ensure all connections are secure and insulated.

General Connections

The diagram provides a detailed view of the connections for the MediaMaster® 105, including power, audio inputs, and outputs.

General Mounting

Follow the mounting instructions carefully to ensure proper installation and secure attachment of the device.

General Control Functions

Control	Function	
Source	Short press to turn on/off, long press to access the source select menu.	
Volume	Rotate to adjust volume, press to mute/unmute.	
Settings	Short press to access audio settings, long press to access system settings.	

Audio Zone Menu Settings

Zone	Function	Setting 1	Setting 2
Z1, Zone 1	Level Control Mode	Relative	Absolute
Z2, Zone 2	Rename Zone	Bridge	Cockpit

System Menu Settings

Setting	Function
Name the Device	Displays the current name of the device.
Audio Zone Control	Configures audio zones.

Bluetooth Audio

Stream audio from a Bluetooth compatible device. Up to 5 devices can be paired, but only one can connect at a time.

USB Connections

Connect USB storage devices to the MediaMaster® 105. Supports USB 1.1 and USB 2.0 for data transfer and charging.

SiriusXM Satellite Radio

Access SiriusXM channels with a subscription. Follow the instructions for activation and use.

Specifications

Category	Specification
Electrical	Operating Voltage: 14.4V DC (10V – 15.9V)
Audio Output	Output Channels: 8
Dimensions	Unit W x H x D: 5.94 in. x 3.94 in. x 3.94 in.

Auxiliary Control Options

Enhance control capabilities with optional remote controllers, available separately.

FAQ

· How do I pair a Bluetooth device?

Access the Bluetooth menu and select "Connect Paired Device."

· What should I do if the unit does not power on?

Check the power connections and ensure the fuse is intact.

· How can I reset the system settings?

Access the system settings menu and select "Reset to Factory Defaults."

MediaMaster® ID 5

OWNER'S MANUAL





















FCC COMPLIANCE STATEMENT

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 not accept any interference received, including interference that may cause undesired operation. 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 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, 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 separation between the equipment and the receiver.
- Connect the equipment to 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.

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

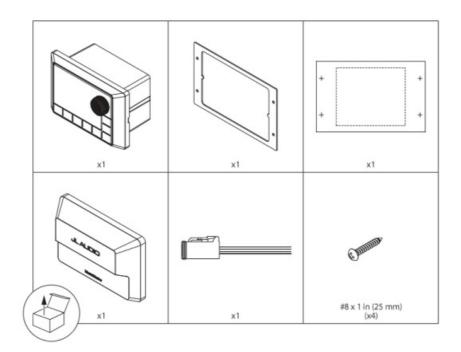
SAFETY CONSIDERATIONS

- Only use this product in vehicles with 12 volt, negative-ground electrical systems. This product is not certified or approved for use in aircraft.
- Mount this product securely to prevent damage or injury in severe conditions.
- Do not replace the power wire fuse with one of a different value. Never bypass the fuse.
- listen to your audio system at levels appropriate for operating conditions and hearing safety.

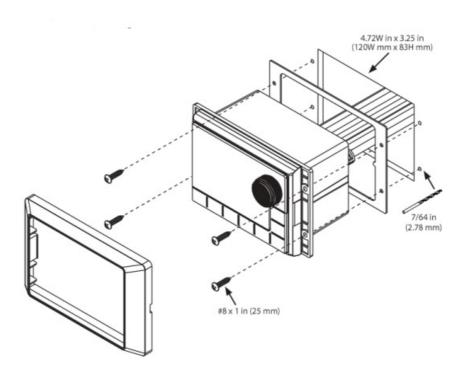
INSTALLATION CONSIDERATIONS

- Installation requires appropriate tools and safety equipment. Professional installation is recommended.
- This product is water-resistant.
- Do not submerge or subject to high-pressure water spray.
- Before installation, turn off the audio system and disconnect the battery system from the audio system.
- Install in a dry, well-ventilated location that does not interfere with your factory-installed systems. If a dry environment is not available, a location that is not exposed to heavy splashing may be used.

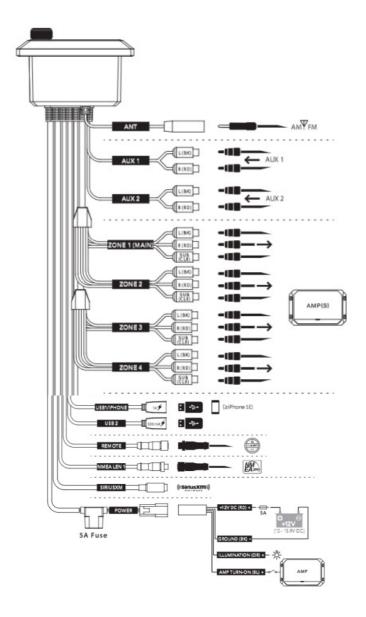
- Before cutting or drilling, check for potential obstacles behind mounting surfaces.
- carefully route all system wiring away moving parts and sharp edges; secure with cable ties or wire clamps and use grommets and loom where appropriate to protect from sharp edges



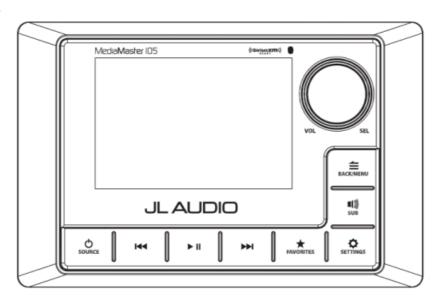
GENERAL MOUNTING



GENERAL CONNECTIONS



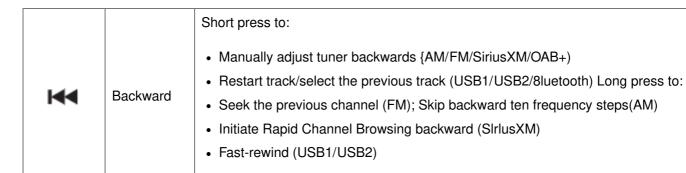
CONTROL PANEL



GENERAL CONTROL FUNCTIONS

Control	Function	
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SOURCE	Source/ Power	Short press to turn ON; Long press to turn OFF When on, short press to display the SOURCE: Select menu
0	Volume/ Sel ect	Rotate to adjust volume Rotate/press for navigation and make actions
■())) SUB	SUB	ShOft press to access SubwooferTrlm Level settings
SETTINGS	Settings	Sh0 <t &balance="" access="" audio="" long="" main="" menu<="" press="" settings="" settings:="" system="" th="" the="" to="" tone="" zone:=""></t>
≜ BACK/MENU	Back/ Menu	Short press to go back one step to access source-specific menus
FAV*ORIT ES	Favorites	Short press to access stored presets long press to store a frequency as a preset (up to 24)
►II	Mute/ Pause	 Short press to mute/unmute audio (AM/FM/SiriusXM/DAB+/AUXI/ AUX2) or pau se/resume the current selection (USB1/USB2/Bluetooth) When the Audio Zone Levels screen is displayed, press to mute all audio (AM/F M/SiriusXM/OASI-/AUX1/AUX2NSB1NSB2/Bluetooth)
►►I	Forward	 Short press to: Manually adjust tuner forwards (AM/FM/SiriusXM/DAB+) Select the next track (USB1/USB2/Bluetooth) Long press to: Seek to the next channel (FM); Skip forward ten frequency steps (AM) Initiate Rapid Channel Browsing forward (SIrlusXM) Fast-forward (USB1/USB2)



	SYSTEM MENU SETT	rings	
SETTINGS	Long press to access the System Settings: Main Menu		
0	Rotate to navigate Press to make selections		
Setting	'	unction	
Name this Device	Create a custom name to display on connected Bluetooth devices and NMEA 2000* networks		
Audio Zone Setup	Configures each set of audio zone outputs		
AUX Input Sensitivity	Configures AUX input sensitivity: 2V or 1V RMS (default)		
Diagnostic	Displays serial number, hardware and software version info		
Display	Configures display and brightness settings		
Low Voltage Alert	Built-in alert notifies when +12VDC supply voltage drops below 10 volts If triggered, the unit will enter Sa Mode with a message to turn the unit off until normal operating voltage is restored.		
Scrolling Text	Enables continuous scrolling of available RDS/track text info		
Tuner Region	Configures AM/FM tuner range/scale for a specific region; DAB+ replaces SiriusXM outside of North America		
Power-up Settings	Configures display activation upon connection to power		



• Long press to access the System Settings: Main Menu



- Rotate to navigate
- Press to make selections

Zone	Function		Setting 1	I	Setting2	
		Relative: Links the volume levels of Zones 2 • 4 with the level of Zone 1. (Linked zones wi!l proportion- ally follow Zone 1's volume.) Each zon e's offset level is independently adjustable, allowing you to create a c ustomized level controller, specific to a vessel's layout.				
	Level Control Mode Ab a separate volume leve		e: Creates an independent level co er.	ontrol for	selected zones, each with	
ZI:Zonel Z2: Zone 2		Fixed	Fixed		4VRMS Max (default) 2VRMS M ax IVRMS Max	
Z3: Zone 3 Z4: Zone 4		Off		I		
		Bow, Bridge, Cabin, Cockpit, Galley, Helm, Stateroom 1, Stateroom 2, T ower, Transom				
	Rename Zone	Cust	om Name	Alphan	umeric Input	
		Factory Default				
	MaxVolume Limit	Max	VolLimit			
	Sub 1 Sub2 Sub3 Su b4	LPF	(Low Pass Filter)	Off (de 80Hz 100Hz	fault) 60Hz	
		SubOff				
Z2: Zone 2		Same as Zone 1				
one 4	Z3: Zone 3 Tone Control Mode Z4: Z one 4		Independent Tone Control			

BLUETOOTH AUDIO

You may wirelessly stream audio from a Bluetooth-compatible device from up to 35 ft. away (11 m). Up to 8 devices can be paired to the MM105, but only one streaming device e:m connect at one time.

	BLUETOOTH MENU SETTINGS
BACK/MENU	With Bluetooth selected as a source, short press to display the Bluetooth: Main Menu
0	Rotate to navigate Press to make selections
Setting	Function
Now Playing	Return to the Now Playing Screen
Pair New Device	Initiates Pairing Mode (connected devices will be disconnected)
Connect Paired Device	Display all paired devices for connection
Set Primary Device	Assign priority to a paired device for automatic connection
Delete a Paired Device	Select from paired devices for removal
Delete All Paired Devices	Removes all paired devices from memory

USB CONNECTIONS

The MMIOS includes two ports to connect with USB storage class devices (thumb drive, digital audio player, etc.).

- USB 1: High-speed connection for use with iPhone/iPod (MFi Certified) or USB storage device (1 A charging output)
- USB 2: Full-speed USB storage device connection (500 mA charging output)

BACK/MENU	With USB or USB2 selected as source, short press to display the USB: Main Men u
O	Rotate to navigate Press to make selections
Setting	Function
NowPlaying	Return to the NowPlaying Screen
Shuffle	Activate Shuffle: On or Off (default)
Repeat	Activate Repeat: All, Song or Off (default)
P1aylists	Displays Playlists in library
Artists	Displays Artists in library
Songs	DisplaysSongsin library
Albums	Displays Albumsin library
Genres	DisplaysGenres in library
Composers	DisplaysComposersin library

IMPORTANT

- Properly secure the connected device before driving to prevent damage from dropping or sudden acceleration/braking.
- Control, functionality and display may vary depending on the model and version of iPhone connected.
- When connected via USB port, make sure to unpair or disable the Bluetooth connection to avoid possible playback conflicts.
- If you experience abnormal performance during operation, disconnect the iPhone• and check its condition.

 Restart your iPhone• if performance does not improve.
- made for iPhone" means that an electronic accessory has been designed to connect specifically to an iPhone and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with an iPhone may affect wireless performance.
- iPhone and all related marks and logos are trademarks of Apple Inc. registered in the U.S. and other countries.

SIRIUSXM0 SATELLITE RADIO

Only SiriusXM* brings you more of what you love to listen to, all in one place. Get over 140 channels, including commerce-free music plus the best sports, news, talk, comedy and entertainment. Welcome to the world of satellite radio. A SiriusXM Vehicle Tuner and Subscription are required.

For more information, visit www.siriusxm.com. (SiriusXM service is only available in the continental US and Canada.) Activating Your SiriusXM Subscription After installing your SiriusXM Connect tuner and antenna, power on your MM105 and select SiriusXM mode. You should be able to hear the SiriusXM preview channel on Channel. If you cannot hear the preview channel, please check the installation instructions to make sure your SiriusXM Connect tuner is properly installed.

After you can hear the preview channel, tune to Channel O to find the Radio ID of your tuner. In addition, the Radio ID is located on the bottom of the SiriusXM Connect Vehicle Tuner and its packaging. You will need this number to activate your subscription. Write the number down for reference.

Note: the SiriusXM Radio ID does not include the letters I, 0, S, or F.

In the USA, you can activate online or by calling SiriusXM Listener care:

- Visit www.siriusxm.com/activate now
- Call SiriusXM Listener Care at 1-866-635-2349

For Canadian Subscriptions, please contact

- Visit www.siriusxm.ca/activate
- Call SiriusXM Customer Care at 1-888-539-7474

As part of the activation process, the SiriusXM satellites will send an activation message to your tuner. When your radio detects that the tuner has received the activation message, your radio will display: "Subscription Updated".

Once subscribed, you can tune to channels in your subscription plan.

Note: The activation process usually takes 10 to 15 minutes, but may take up to an hour. Your radio will need to be powered on and receiving the SiriusXM signal to receive the activation message.

Parental Controls

Some SiriusXM channels contain mature content. When the Parental Controls feature is enabled, channels with mature content are restricted and will require a 4-digit lock code to access.

Enabling Parental Controls

- 1. Press BACK/MENU to access the SiriusXM: Main Menu.
- 2. Turn VOL/SEL to Parental Controls and press to enter.
- 3. Press VOL/SEL to select Lock Mature Channels. After, you must enter a 4-digit lock code to lock mature content channels. (Parental Control default passcode: 0000)
- 4. Use VOL/SEL to enter the 4-digit lock code and select Save when finished.

Changing the Lock Code

- 1. Press BACK/MENU to access the SiriusXM: Main Menu.
- 2. Turn VOL/SEL to Parental Controls and press to enter.
- 3. Turn VOL/SEL to Edit Lock Code and press enter.
- 4. Use VOL/SEL to enter the current 4- digit lock code and select Enter when finished.

5. Use VOL/SEL to enter the new lock code and select Enter to confirm. Make sure to save your 4-digit lock code for future reference.

SIRIUSXM MAIN MENU

This allows access to the SiriusXM operational menu options. Refer to the table below for available settings and functionality.

- 1. Press BACK/MENU to access the SiriusXM: Main Menu.
- 2. Turn VOL/SEL to highlight one of the menu settings listed in the table below and press to enter.
- 3. Use VOL/SEL to make selections.

Setting I	Function
Now Playing	Return to the Playing Screen
Browse ByChannel	View list of available SiriusXM channels
browse by category	View list of available SiriusXM channels by category
My Account	ViEW your SiriusXM account status, Radio IDand Reset SiriusXMcommand
Parental Controls	Settings for access to Lock and Unlock Mature SiriusXM channels
Direct Tune	Allows entry for direct channel selection

Album Art

Album art can be displayed for most of the SiriusXM music channels, When album art is not available, the Channel Default Logo image or the SiriusXM Default Logo image will be displayed.

Resetting SiriusXM Settings

A reset will restore all presets and settings, including parental controls, back to their factory defaults.

- 1. Press BACK/MENU to access the SiriusXM: Main Menu.
- 2. Turn VOL/SEL to My Account and press to enter.
- 3. Turn VOL/SEL to Reset SiriusXM and press to enter.
- 4. Use VOL/SEL to select Confirm.

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SIRIUSXM TROUBLESHOOTING

Advisory messages may appear on the display when a SiriusXM-Connect Vehicle Tuner is connected to the MM105. Refer to the table below for an explanation and suggested corrective actions.

	The radio has detected a fault with the SiriusXM antenna. The antenna cable may be either disconnected or damaged.
	Verify that the antenna cable is connected to the SiriusXM Connect Vehicle Tuner.
	Inspect the antenna cable for damage and kinks. Replace the antenna if the cable is da
	maged.
Check Antenna	SiriusXM products are available at yourlocal audio retailer or online
	at <u>www.shoosiriusxm.com</u> .
	The radio is having difficulty communicating with the SiriusXM Connect VehicleTuner. The tuner may be disconnected or damaged.
CheckTuner	Verify that the SiriusXM Connect VehicleTuner cable is securely connected to the radio.
	The SiriusXM Connect Vehicle Tuner is having difficulty receiving the SiriusXM satellite sign al.
	Verify that your vehicle/vessel soutdoors witha clear view of the sky.
	Verify that the SiriusXM antenna is mounted on the exterior.
	Move the SiriusXM antenna away from any obstructions.
	Inspect the antenna cable for damage and kinks.
No Cianal	Consult the SiriusXM Connect Vehicle tuner installation manual for more information on a
No Signal	ntenna installation. Replace the antenna if the cable is damaged. SiriusXM products are
	available al your local audio retailer or online at <u>www.shop.siritm.com</u> .
	The radio has detected a change in your SiriusXM subscription status. Press VOL/SEL to cl ear the message.
Subscription I Up	In the U.SA.vi.sit www.siriusxmcom or call 1.866-635.2349 if you have questions about
dated	your subscription. In Canada, visit www.sirimxmca or call 1-888-539-7474 if you have questions about your subscription.
Channel I Unav	The channel that you have requested is not a valid SiriusXM channel or the channel you we re listening to Is no longer available. You may also see this message briefly when first connecting a nev.' SiriusXM Connect Vehicle tuner.
	Visit <u>www.drh1um</u> for more information about the SiriusXM channel lineup.
Channel	The channel that you have requested is not included in your StriusXM subscription package of the channel that you were listening to is no longer Included in your StriusXM subscription package.
Channel I Unsubscribed	In the U.SA.visit www.sirhmmrnm.or.call-1.866-635-2349 if you have questions about your subscription package or would like to subscribe to this channel. In Canada, visit www.siriHSXm PI nr call 1.877.438.g677.
	The channel that you have requested is Locked by the radio Parental Control feature. See
Channel Locked	I Parental Controls, page 13 for more information on the Parental Control feature and how to access locked channels.

SPECIFICATIONS

Electrical		
Operating Voltage	14.4V DC(IOV- 15.9V)	
Operating TempRange	-4 Fto +158 F(-20Cto +-70 Cl	
Current Draw/Fuse Value	15 A (max)/ 120 mA (standby) / 5 A	
NMEA2000• LEN	1 (Micro•(connector}	
Display/ Resolution	35 in. TFT LCD backlit/320×480	
Audio Outputs/Inputs		
Output Channels	Onestereo pair andmonosubwoofer RCA plugsper zone	
Output Configuration	Relative, Absolute, Fixed or Off	
Maximum Output Voltage	Relative or Absolute: 4VRMS Fixed:Selectable 4V/2V/1VRMS	
Output Impedance	2SOO	
Auxiliary Input Channels	Two stereo pairs of RCA plugs(2V/1V RMSInput Sensitivity)	
Tuner		
FMTuner with ROS	875 MHz to 107.9 MHz (0.2MHz step)	
AM Tuner	530kHzto 1710 kHz (10 kHz step)	
DAB+Tuner	170MHzto230MHz	
Favorites	24 presets across all tuners/bands	
Bluetooth•		
Profile	A20Pv1.2,AVR(Pv1.4	
Core Specification	Version 2.1+ EOR	
Codec	SBC.Qualcomm• aptX" audio	
Connection Range	Upto3Sft/ 11m	
Interface	USB 2.0	
Charging Output	USBI: 1 A/ USB2: 500mA	
Supported AudioFormats	MP3, MP4,WAY,AA(,M4A, M4B	

	AppleCompatibility UnitWxHxO	!Phone SE(2nd generation). iPhone11ProMax.IPhone11Pro, iPhone 11, 1Phone XSMax.iPhone XS.iPhone XR,iPhone X.iPhone8Plus,iPhone 8 (functionality contingent upon compatible10S role.ie) S.94 In. x 3.90in.x3.94 In.(1S1mmx 99mmx 100 mm)
Mounting Hole W x H		4.72 ln.x3.25 in. (120 mm x 83 mm)

AUXILIARY CONTROL OPTIONS

Your MediaMaster' includes two connection types for adding control capabilities from auxiliary locations. Refer to the supplied Owner's Manual of each controller/ type (sold separately) for specific user and installation instructions.

NMEA 2000 Connection

NMEA 2000', Micro-(connector interfaces directly with NMEA 2000• networks using applicable NMEA 2000' cables and connectors (sold separately).



MMR-40

NMEA 2000 Network Controller with Full-Color LCD Display Full-function, water-resistant (IP66 rated) controller



MMR-SN2K

NMEA 2000 Volume Controller Water-resistant (IPX7 rated) controller



NMEA 2000' MFD Control Achieve control capabilities from compatible multi-function displays (MFD). NMEA 2000' functionality requires

compatible NMEA 2000• entertainment protocols (PGN) and may require a software upgrade of connected MFD devices. Refer to your MFD's manufacturer for device compatibility info.

REMOTE Connection

Permits direct connection of MediaMaster• wired controllers (sold separately) using accessory controller cables and splitters (sold separately). Add up to three remotes to a single MediaMaster at up to 7S ft (23 m) away.



MMR-20-BE

Wired Remote Controller Auxiliary, water-resistant (IP67 rated) controller

Documents / Resources



<u>JL AUDIO MediaMaster 105 Weatherproof Source Unit</u> [pdf] Owner's Manual MM105, MediaMaster 105 Weatherproof Source Unit, MediaMaster 105, Weatherproof Source Unit, Source Unit, Unit

References

User Manual

Manuals+, Privacy Policy

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