DMS-OUT
Owner's Manual

Overview:

The DMS-OUT provides 3rd Party devices access to the streaming sources in a DMS Audio Network. This device is the perfect solution for adding any new/existing AVR, soundbar, or other audio device to a DMS Audio Network.

Online Help:

www.urcportal.com
For software downloads, training materials, and frequently asked questions.

Contact Support:

Total Control is a URC product sold direct to Authorized Dealers. For questions or assistance, contact your custom installer/programmer or URC Technical Support at techsupport@universalremote.com

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Features and Benefits:

The DMS-OUT is loaded with features designed to provide the best audio experience. Enjoy features such as:

- **3rd Party Room Linking:** When connected to a 3rd Party AVR, the DMS-OUT allows this device to become a DMS Zone. All DMS Zones provide the ability to link zones together and control a single menu for volume of individual or all linked zones.

- **Fixed or Variable Output Settings:** The DMS-OUT allows for fixed or variable volume control. When set to variable the 3rd party AVR controls the audio level settings. When set to fixed the DMS-OUT controls the audio level settings.

- **3rd Party Volume Pop-Up:** In conjunction with supported 3rd Party AVRs, the DMS-OUT creates a basic and simple volume pop-up menu that provides real time two-way feedback and control of volume and mute.

- **3rd Party Audio Device Integration**
  DMS-OUT grants 3rd party devices the ability to use sources that are available from DMS Audio Streams.

- **Flexible Power Source**
  Use the supplied 5V DC power adapter or take advantage of the DMS-OUT's PoE **(P**ower **o**ver **E**thernet) capability using CAT 5/6 wiring.
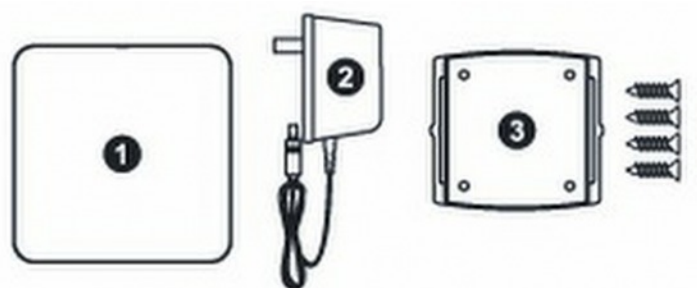
Parts & Pieces:

Contained within the DMS-OUT box:

- 1x DMS-OUT device

- 1x 5V DC Power Adapter

- 1x Wall Mount

- 4x Mounting Screws

Requirements:

As with all Total Control products, the DMS-OUT is not a plug-and-play device. It requires programming by a certified Total Control programmer to function properly.

Be sure the system contains at least one (1) of the following:

- **MFS-8** or **MFS-POE8**

- **MRX Advanced System Controller**

- **URC Interface** (TRC, TKP, or URC Mobile 2.0 devices)

DMS Room Linking:

The DMS-OUT permits 3rd party AVRs to "link" with other DMS Zones. Doing so creates a volume pop-up menu providing feedback to control volume of all linked rooms as well as individual rooms.
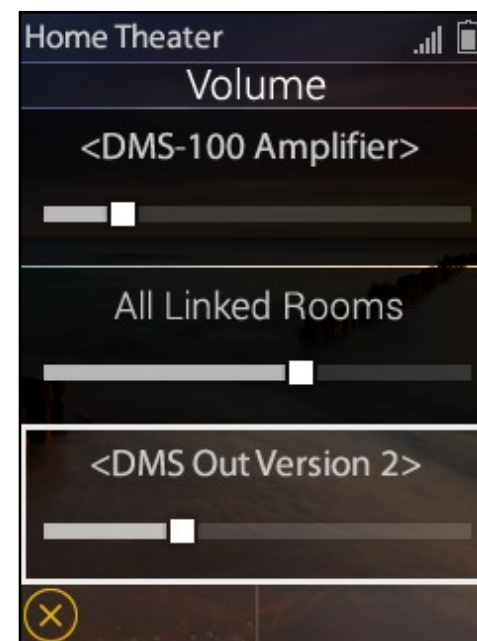
Receive real-time two-way feedback on:

- Power Status

- Volume

- Mute Status

Rear Panel Description:

The following section defines all the outputs available on the rear panel of the DMS-OUT.

5V DC Input:
Provides power to the DMS-OUT. PoE may be used as a substitute.

Analog Output:
Standard RCA out (analog) connector.

Digital Output - Optical:

This input uses standard S/PDIF Optical TOSLINK connector.

> *i* The DMS-IN/OUT converts Dolby Digital 5.1/DTS 5.1 to a 2.0 Stereo DMS Stream.

Digital Output - Coax:

Standard Digital Coax connector.

> *i* The DMS-IN/OUT converts Dolby Digital 5.1/DTS 5.1 to a 2.0 Stereo DMS Stream.

LAN Port:
This 10/100 Ethernet port supports PoE and connects to the URC Audio streams on the local network. This is also how the DMS-OUT receives commands and sends audio.

> *i* The DMS-OUT does not support a wireless (Wi-Fi) network connection.

Top Panel & LED States:

There are three (3) LED lights at the top of the DMS-OUT which can provide users with basic and troubleshooting information.

Status LED:

- **Off:** Unit has no been programmed with a Total Control file.

- **Yellow:** Unit has been programmed with a Total Control file; however, it is not creating a DMS Audio Stream.

- **Blue:** Unit has been programmed with a Total Control file and is creating a DMS Audio Stream through the network.

Power LED:

- **Off:** Unit is not receiving power.

- **Blue:** Unit is receiving power via 5V DC adapter or PoE.

Network LED:

- **Off:** Unit is not connected to the local area network (LAN) and cannot receive data.

- **Blinking Green:** Unit is connected to the local network (LAN), but has not received an IP address.

- **Green:** Unit is connected to the local network (LAN) and has an IP address.

Bottom Panel Description:

Located beneath the DMS-OUT is a **Reset** button. This button is recessed so use a paperclip or something similar to press the button.

- **Rebooting the DMS-OUT:** A momentary press of the **Reset** button reboots the DMS-OUT, similar to unplugging it from the power supply.

- **Factory Default:** Press and hold the **Reset** button for **10 seconds** or longer to default the unit. If factory defaulted the DMS-OUT requires re-programming.

Wiring the DMS-OUT:

Follow these steps to prepare the DMS–OUT for programming:

1. **Power the DMS-OUT** with the supplied 5V DC adapter OR using PoE through the LAN port.

2. **Connect the Ethernet cable** from the LAN 10/100 port to an LAN port (1-8) **MFS-8/MFSPOE-8**

   - 5V DC adapter is **not required** when using PoE.

3. **Connect the DMS-OUT** to a 3rd party device via analog or digital connection.

   Only one (1) output can be used at a time. Additional set up is required via the Accelerator 2.0 software. Contact a certified Total Control Installer to properly configure the DMS-OUT to a new or existing system.

Specifications:

Network: One 10/100 Ethernet port (PoE)
Weight: 5.8 oz
Size: 4.6" x 4.6" x 1.2"
Power: Standard PoE Injector or PoE Switch (purchased separately), DC 5V/1A

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In the event of any warranty claim, URC will, at its sole option, repair the URC equipment using new or comparable rebuilt parts, or exchange the URC equipment for new or rebuilt equipment. In the event of a defect, these are the end user's exclusive remedies.

All the URC equipment returned for service, exchange or repair require an RGA number. To obtain an RGA number, you must complete a Return Request Form which you may obtain by calling (914) 835-4484 or contacting URC at returnrequest@universalremote.com. To obtain warranty service, end user must deliver the URC equipment, freight prepaid, in its original packaging or packaging affording adequate protection to URC at 37 Ramland Road, Unit

104, Orangeburg, NY 10962. It is end user's responsibility to backup any macro programming, artwork, software or other materials that may have been programmed into the unit. It is likely that such data, software, or other materials will be lost during service and URC will not be responsible for any such damage or loss. A dated purchase receipt, bill of sale, installation contract or other verifiable proof of purchase is required. For the URC equipment support and other important information, please visit URC's website available at www.universalremote.com or call the Customer Service Center at (914) 835-4484.

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End User Agreement:
The terms and conditions of the End User Agreement available at https://www.universalremote.com/end-user-agreement/ shall apply.

Federal Communication Commission Interference Statement:
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 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 or a circuit different from that to which the receiver is connected

- Consult the dealer or an experienced radio/TV technician for help

Warning!

Changes or modifications not expressly approved by the manufacturer could void the user's authority to operate the equipment.

Note: The manufacturer is not responsible for any Radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

FCC Caution:

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 authority to operate equipment.