



# Anthem MRX SLM Installation and Usage Guide

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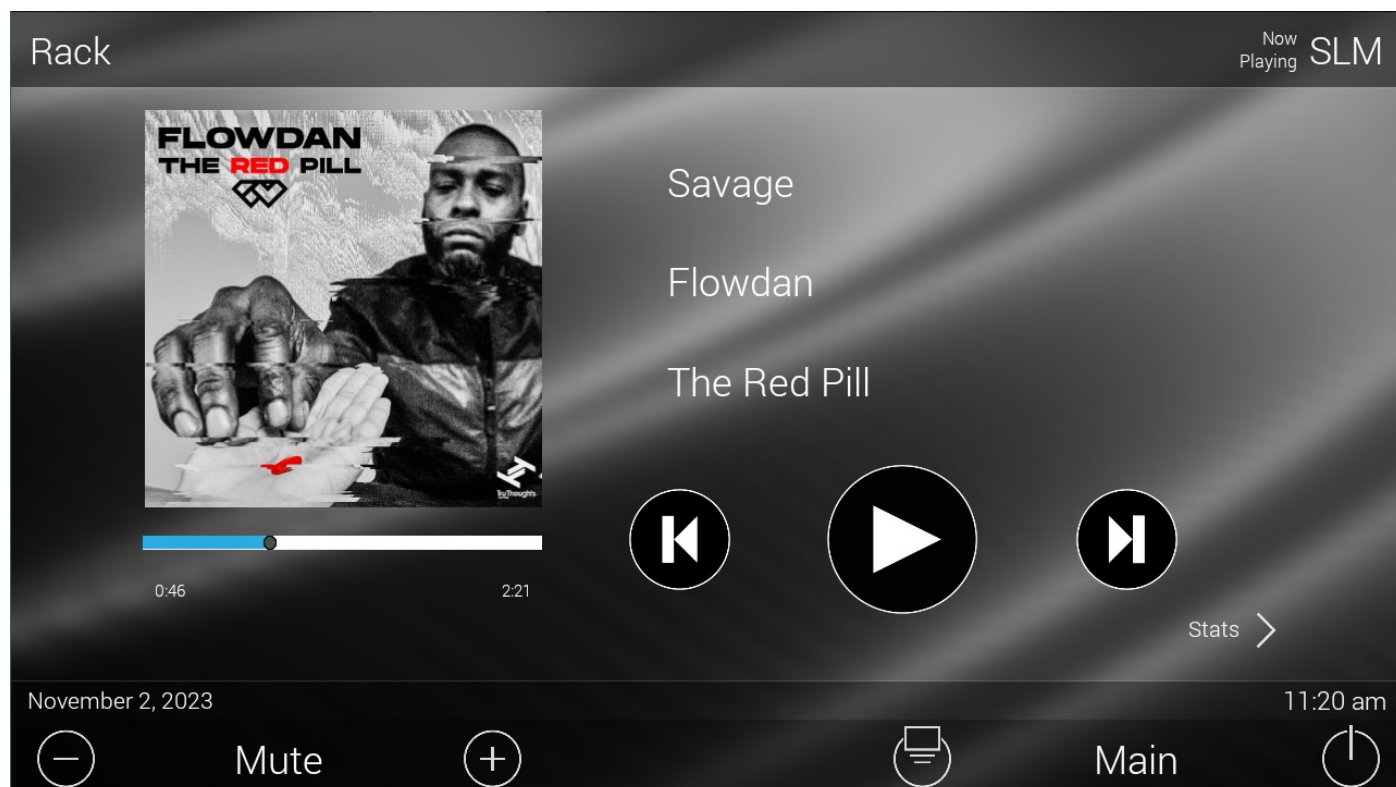
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## Overview

Meet MRX SLM - a game-changing audio device that offers exceptional performance in a compact design. Unlike traditional AV receivers, this slim receiver from Anthem provides premium sound quality without taking up too much space.

MRX SLM is an ideal choice for installers who want to deliver top-notch audio in home theaters or media rooms. With 1 HDMI input and 1 output, plus eARC, it's easy to seamlessly integrate with your clients' smart TVs or projectors. MRX SLM supports Dolby Vision, HDR, and Hybrid Log Gamma, ensuring that Ultra HD signals pass through unaltered at speeds of up to 18.2 Gbps.



## Features

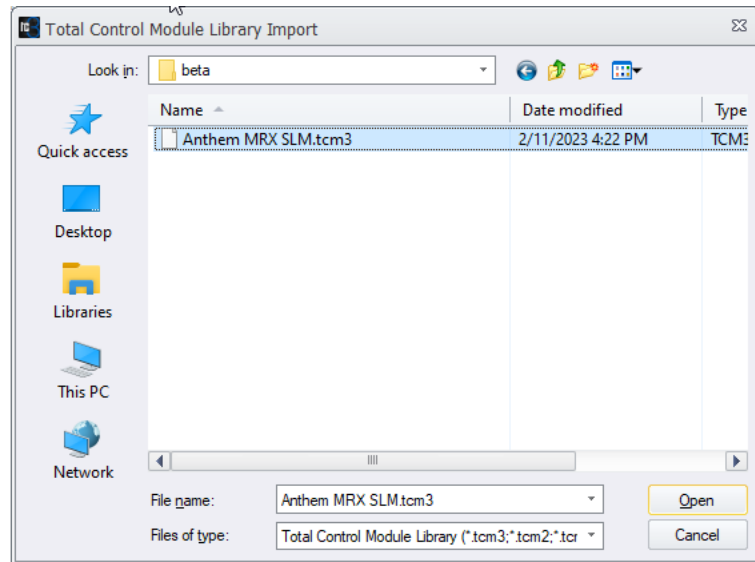
- Input selection for all 30 programmable inputs
- Volume and Mute control
- Control of speaker profiles
- Control of Audio Listening Mode
- Control over ARC settings
- Control of Dolby Post Processing
- User interface for viewing metadata and control of streaming media
  - Play / Pause
  - Next / Prev
  - Coverart
  - Artist / Album / Title
  - Status page

## Installation

To install the module, you will need to do the following

### Import TCM

From the file menu, Import TCM Files



## Add the module to your project

In Step 4. Add Other Drivers. You will need to

### Install Module

Step 1 - select a room for the module

Step 2 - select My

Step 3 - select IP Database

Step 4 - select AVR's and Amplifiers

Step 5 - select ANTHEM

Step 6 - SLM (double click)

Step 4 Add Non-URC Devices - Rack

a.Add Selected Modules b.Create New Driver c.Test

|                                                                                                                                                                                                                                                     |                                                                                 |                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.Select Room :                                                                                                                                                                                                                                     | 5.Select Brand :                                                                | 6.Select Model :                                                                                                                                                                                           | 7.View Function List                                                                                                                                                                                                                                                                                           |
| <div>Rack</div> <div>Previous Next</div> <div>2.Select Database :<br/><input type="radio"/> URC <input checked="" type="radio"/> My</div> <div>3.Select Module Type :<br/>IP Database</div> <div>4.Select Category :<br/>AVR's and Amplifiers</div> | <div>ANTHEM</div> <div>PARADIGM</div> <div>RUSSOUND</div> <div>VSSL (NEW)</div> | <div>AVM-70</div> <div>AVM-70</div> <div>AVM-90</div> <div>AVM-90</div> <div>MRX-1140</div> <div>MRX-1140</div> <div>MRX-540</div> <div>MRX-540</div> <div>MRX-740</div> <div>MRX-740</div> <div>SLM</div> | <div>Power</div> <div>POWER ON</div> <div>POWER OFF</div> <div>Volume/Mute Functions</div> <div>VOLUME +</div> <div>VOLUME -</div> <div>MUTE ON</div> <div>MUTE OFF</div> <div>MUTE</div> <div>Input Functions</div> <div>Input1</div> <div>Input2</div> <div>Input3</div> <div>Input4</div> <div>Input5</div> |

## Network Settings

Finally go to Step 6. Network Settings and Choose Non URC Devices. In the IP Address field enter the IP address for the Anthem MRXx40. Optionally you can enter a value for the port (if you've require something different from the default) or just leave it on the default - 14999.

[illegible]

## System Parameters

The Anthem MRX SLM module does not require any system parameters, but there is one available.

System parameters are entered in the following format

KEY=VALUE

The following table details the system parameters that work with this module.

| KEY   | VALUE                               |
|-------|-------------------------------------|
| DEBUG | Puts the module into its debug mode |

### Debug mode and logging

To enable logs, you need to add the DEBUG parameter and set it to ON. This will write log files to the processor that can be retrieved via FTP. See the Logging section at the end of this document for details.

DEBUG=ON



## Two Way Commands

The Anthem MRX SLM has a number of Two Way commands that can be used to control function that require specific values or are input specific.

### Volume

The Volume command can be used to change volume level (as a percentage) for the specified zone

| Parameters | Description               | Type   | Allowed Values |
|------------|---------------------------|--------|----------------|
| Zone       | The Anthem Zone           | Number | 1, 2           |
| Volume     | The Volume % to change to | Number | 1-100          |

### Speaker Profile

The Speaker Profile command can be used to set a new speaker profile for the specified input

| Parameters | Description                     | Type   | Allowed Values |
|------------|---------------------------------|--------|----------------|
| Profile    | The Speaker Profile to Set      | Number | 1-2            |
| Input      | The Input Number for the change | Number | 1-30           |

### ARC Control

The ARC control command can be used to enable or disable the Anthem Room Correction for the specified input

| Parameters | Description                     | Type      | Allowed Values |
|------------|---------------------------------|-----------|----------------|
| State      | The new state you want to set   | Drop Down | ON, OFF        |
| Input      | The Input Number for the change | Number    | 1-30           |

### Listening Mode

The Listening Mode command can be used to change to listening mode for the main zone to of the following modes. NOTE: Not all of the modes are available for all input types. If the mode is not available then no mode change will occur.

Mode Drop Down

None

AnthemLogic-Cinema

Mode Drop Down

AnthemLogic-Music

Dolby Surround

DTS Neural:X

DTS Virtual:X

All Channel Stereo

Mono

All Channel Mono

## Dolby Post Processing

The Dolby Post Processing command can be used to change the range to one of the following values

| Parameters | Description                     | Type      | Allowed Values           |
|------------|---------------------------------|-----------|--------------------------|
| Input      | The Input Number for the change | Number    | 1-30                     |
| Range      | The new state you want to set   | Drop Down | Off, Music, Movie, Night |

## Device Events

There are four device events available that will trigger when the receiver changes state, whether that is from URC or some other means.

The screenshot shows a dialog box titled "Edit Automated Settings". It contains several fields and buttons:

- Name :** A text field containing "Power ON".
- Available Devices :** A dropdown menu showing "SLM [Rack]".
- Available Event :** A dropdown menu with a list of options: "Power State", "Mute State", "Input State", and "Speaker Profile". "Power State" is currently selected and highlighted.
- Parameters :** A section containing:
  - State :** A dropdown menu showing "ON".
  - Description :** A text area containing "Trigger when power is on or off for selected zone".
- Buttons:** "Prev", "Next", "OK", and "Cancel" buttons are located at the bottom of the dialog.

### Power State

The Power event can be used to drive custom automation by providing a trigger when the power goes ON or OFF for your selected zone.

### Mute State

The Power event can be used to drive custom automation by providing a trigger when the mute goes ON or OFF for your selected zone.

### Input State

The Power event can be used to drive custom automation by providing a trigger when the input change to the one your specify for the selected zone.

### Speaker Profile

The speaker profile event will trigger when the speaker profile changes to the one you specify for the selected input.

### Input Type

The Input Type will trigger based on the audio input type of the current input. You can use this value to trigger a automatic source change

Type

HDMI

HDMI eARC

Optical

Analog

Streaming

Bluetooth

## Version 1.0.0

- Initial release