PRODUCT OVERVIEW

Design Concept

Match the features of a 2RU size unit in 1RU rack space. Provide enough volume for noisy server rooms.

- Includes almost all common interfaces standard. Better value for customers and simpler to produce.
- Keeps user interface simple and avoids deep / hidden menus. Allows quick access to features
- Only options are **Dante** and **Dolby** decoder board (does not decode Atmos)
- Dedicated **Mute** button for those "sudden loud" moments

Input Types

- 8 channels of analog balanced audio. Input via breakout cable (Tascam standard)
- 8 channels of analog balanced audio. Output via breakout cable
- 8 channels In / Out of AES 3 via breakout cable. Since AES is always carried in pairs, there is enough room on one 25pin connector for 8 in / 8 out
- 2 SDI inputs. Supports up to 3G SDI (full HD 1080p). 1 SDI output. Follows selection of Input. Avoids having to switch monitor at same time
- 2 64-channel MADI inputs using SDI connection. Auto recognizes MADI and replaces SDI. Label on button changes to MADI 1 or MADI 2
- With addition of Dolby card, can decode compressed Dolby channels that might be found on SDI, MADI or other inputs.
- With Dante installed, supports up to 64 channels using latest Brooklyn 3 chip. Dante also supports AES67.
- Analog and AES outputs follow input selection. 8 channels out depend on channel group being monitored. No level change or EQ is applied to these outputs. 1:1 straight through.

CONTROLS - Front Panel

- Easily select any input type from touch screen.
- See "whole world" view or use Mono, Stereo, LRC button to see a manageable group.
- Due to 1RU chassis, meters are tiny. Touch any channel pair and meter flips to 96-step expanded horizontal display mode.
- When Mono, Stereo, LRC is selected, press on individual Meter bar to drop a channel or add a channel for quick mix monitoring
- Easily select DHCP or choose from a variety of network common addresses. Once connected, change to Static via Web GUI

- Web GUI

- Following the front panel concept, no deep menus.
- Primary purpose of Web GUI is to build custom mixes. These mixes apply only to speakers and headphone. Analog, AES outputs remain unchanged.
- Secondary purpose is to label inputs. Default is IN1, IN2, etc. These may be replaced with a short name

- Dante Control

- Dante technology is 100% supplied by Audinate
- Front panel and Web GUI are limited to setting levels and selecting channels to be monitored.
- All other Dante control is operated via the Dante Controller app or the Dante Domain Manager provided by Audinate.
- Dante is connected via Dante A and B Ethernet jacks on rear panel. Network jack on rear panel is strictly for the Web GUI and does not carry Dante audio data.

Additional Notes

- If unit is purchased without Dante, there will be no Dante network ports on the chassis. Upgrading to Dante may be done by returning the unit to Marshall.
- If Dolby decoding is desired at a later date, the Dolby decoder may be purchased from Marshall and installed in the field. Contact Marshall for details
- The AR-DM61-DT is compatible with ST 2110 networks using the AES67 Dante mode. The Brooklyn 3 chip is now compatible with PTP2 clocks.
- While Dante Controller is provided by Audinate for free, operating in an ST 2110 network requires Dante Domain Manager for a fee.
- The Marshall AR-DM61 was designed 100% in the USA