

# MUSICA™

## Audio Distribution Center



# MU5066ADC

### MU5066ADC

## MUSICA™ MU5066 Audio Distribution Center

- 4 global source inputs
- Up to 18 local sources and up to 18 Digital FM Tuners (DFMT required)
- 6 to 18 rooms of audio
- Enhanced IR control capabilities
- 4 IR Emitters (included)
- Advanced RS-232 control for full integration with other control systems
- Remote Control (included)
- Control from a PC (optional IP control)

NetStreams' Musica MU5066 Multi-Room Audio System builds on the award-winning Musica product line by introducing many new features for convenience and use, simpler install, with even better audio performance. New MU5066 features include:

- 5-band graphic equalizer in each keypad.
- 3D Sound Mode. (MU5066KP50 only)
- Enhanced IR capabilities for IR learning.
- New Digital FM Tuner card (*sold separately*) to add FM Tuner listening to any MU5066 keypad model.
- Turn all rooms ON or OFF from any keypad.
- NetStreams' proprietary *Shhh!* Technology for music-to-sleep mode.
- Up to 48 Macro Functions on all Musica Keypad models\*.
- Control Musica from a PC, web tablet, or PDA with new R2EM Module – now offering multiple connections (sold separately).
- Advanced RS-232 control for full integration with other control systems.
- Blue and White backlighting now offered as standard. Amber and Green on KP25S model only.
- Discrete channel communication between each Musica MU5066 keypad and the Musica Audio Distribution Center for ease of install.
- Burr-Brown® 192 kHz digital-to-analog converters.

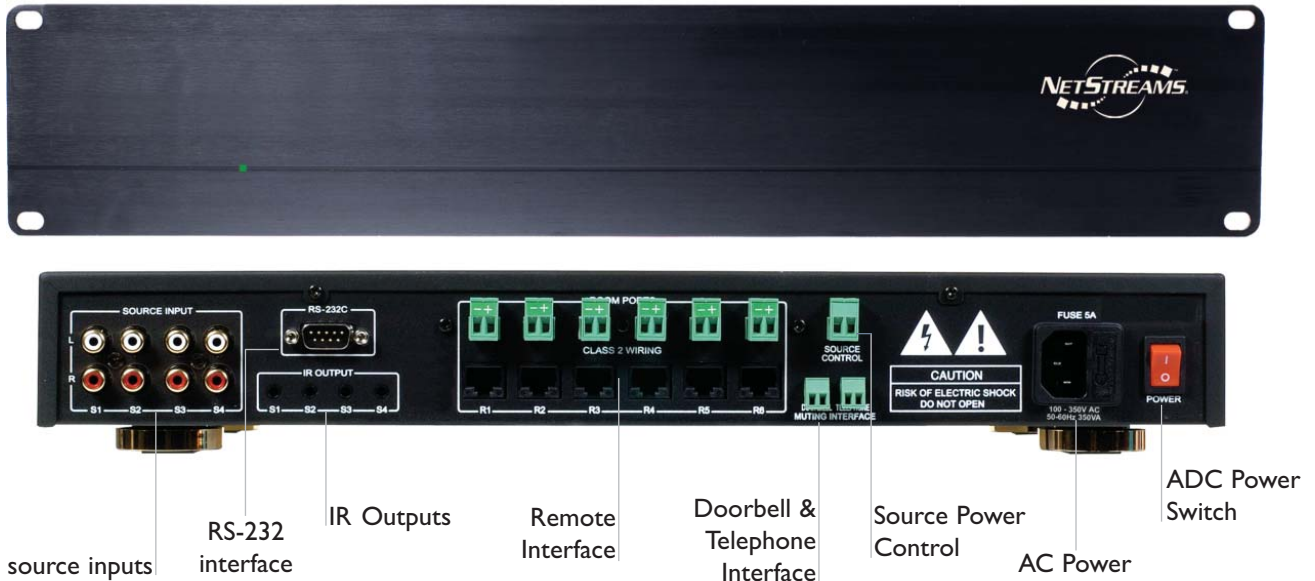
The Musica MU5066ADC Audio Distribution Center (ADC) serves as the core of the Musica multi-room audio system, distributing audio from four sources to as many as 6 rooms per ADC. Add a MU5066DFMT (Digital FM Tuner card) to any MU5066 keypad for local room FM tuner listening as a fifth source. The Musica in-wall Audio Ports are highly flexible, allowing the output of the distributed audio to be coupled with a powered subwoofer or external amplifier, if so desired, as well as the input of a "local source" such as a TV monitor or cable box. With additional ADC's, the system can expand to 18 rooms of audio.

\* Depending on MU5066 keypad model used. Please refer to specifications on reverse.



The IP Based Distributed Entertainment Company

## Audio Distribution Center



### Audio Distribution Center Specifications

<b>Source Inputs</b> . . . . .	(4), stereo paired
Connectors . . . . .	RCA Jacks
Input Level . . . . .	150mV
Input Impedance . . . . .	47K ohms
<b>Source Outputs</b> . . . . .	.6 pairs, stereo
Connector 1 (Data) . . . . .	.6 RJ-45 connectors, 4-pair each (EIM); EIA/TIA 568a
Output Level . . . . .	.20Vrms
Connector 2 (Power) . . . . .	(.5mm)Phoenix type connectors, 1 pair each
Output Power (for keypad) . . . . .	.28V DC
IR Output Connectors . . . . .	.35mm phono plugs
Microprocessor . . . . .	Advanced RISC
Input Power . . . . .	110V AC -60Hz, 220V AC - 50/60Hz
Power Consumption . . . . .	.200W
Dimension . . . . .	1.695" x 2.28" x 9.04" (W x H x D) (430mm x 58mm x 229mm)
Weight . . . . .	.7 lbs (3.2 kg)

Each ADC features 4 analog inputs and 4 IR Emitter outputs for control of up to four (4) audio sources. Phoenix type connectors and RJ45 connectors are provided for the distribution of power, audio, and control to up to 6 rooms. The ADC also features a contact closure for integration with the Elk® doorbell & telephone mute interface, so the music will mute when the doorbell or telephone rings, then 30 seconds after automatically muting, the system ramps the volume back up. An RS-232 connection is also provided for control by compatible third party system controllers and systems.

Installation is simple: The ADC is 1.5u high, standard rack width product can be set top mounted, or rack mounted with a rack-mount plate (*sold separately*).

\*Musica's distributed system architecture places digital amplifiers in each room, behind the keypad, rather than a central location, improving sound quality and increasing reliability and simplifying the installation. Choose between 3 models of amplified keypads: MU5066KP25S (2 x 25 Watts with (8) eight 4-step macros, green & amber backlighting), MU5066KP25 (2 x 25 Watts with (8) eight 4-step macros, blue & white backlighting) and MU5066KP50 (2 x 50 Watts with (8) eight 4-step macros plus 10 macros per source, blue & white backlighting).

Unmatched by comparable systems in the market, the Musica MU5066 multi-room audio system features sophisticated control, simplified programming, intelligent muting, and an intuitive and interactive in-wall amplified keypad.

### Excellence in Design

NetStreams is focused on providing high quality networked digital entertainment systems. By leveraging its patent pending technologies and applications. NetStreams is creating the future of home entertainment – today.

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