

MUSICA™

Audio Distribution Center



MU5066ADC

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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.

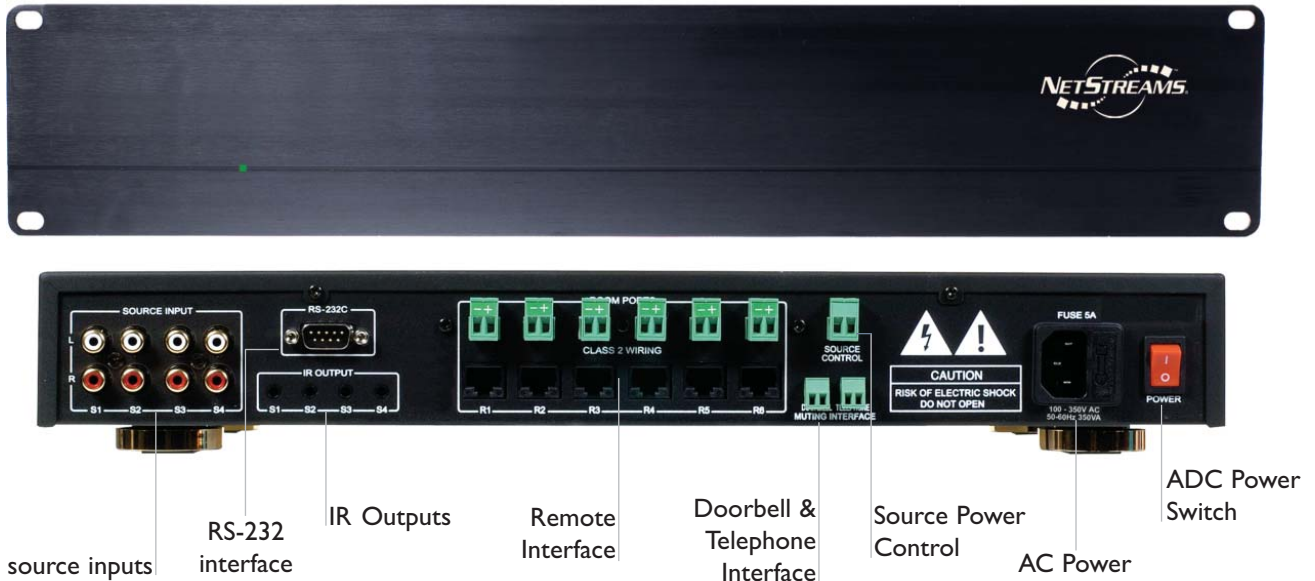
The Musica MU5066ADC Audio Distribution Center (ADC) serves as the core of the Musica multi-room audio system, distributing audio from four sources to as many as 6 rooms per ADC. Add a MU5066DFMT (Digital FM Tuner card) to any MU5066 keypad for local room FM tuner listening as a fifth source. The Musica 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

Source Inputs	(4), stereo paired
Connectors	RCA Jacks
Input Level	150mV
Input Impedance	47K ohms
Source Outputs6 pairs, stereo
Connector 1 (Data)6 RJ-45 connectors, 4-pair each (EIM); EIA/TIA 568a
Output Level	2.0Vrms
Connector 2 (Power)	(.5mm)Phoenix type connectors, 1 pair each
Output Power (for keypad)28V DC
IR Output Connectors35mm phono plugs
Microprocessor	Advanced RISC
Input Power	110V AC -60Hz, 220V AC - 50/60Hz
Power Consumption200W
Dimension	1.695" x 2.28" x 9.04" (W x H x D) (430mm x 58mm x 229mm)
Weight7 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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