

DMS™ 4.4: Distributed Music System



Continuous Power: 24 watts/channel
Peak Power: 60 watts/channel
Frequency Response: 20 Hz to 20 KHz
Power Source: 12V DC
Dynamic Range: > 100 db
Signal-to-Noise Ratio: > 100 db
Maximum distance: 1000'

The DMS™ 4.4 is a complete multi-source, multi-zone music distribution system with control on a single category 5 wire. It is ideal for restaurants, offices, schools, sports bars, places of worship, manufacturing, production area, and numerous other applications. Its maximum distance on category 5 wires is 1000 ft. from the hub. The DMS™ 4.4 allows you to select from one of four different audio sources in each zone. It features a high performance built-in TV / CATV and FM tuner as the main source. Three additional external sources can be connected to the main distribution hub. Each zone is connected to the main hub by a single category 5 wire.

The in-wall amplifiers with keypads are locally powered (can be centrally powered on an 18 / 2 AWG along with the category 5) and are home run to the main unit. The DMS™ 4.4 has built-in IR remote control distribution. Serial port control of the system allows easy integration with lighting control systems, building automation system, and many others. A PC can also be configured to control the system.

The DMS™ 4.4 system delivers high quality audio at an affordable price. It is a simple yet elegant system that provides unequalled sound quality with cables running up to 250 feet per zone. It distributes audio signals to four listening areas using only a single category 5 wire. Further, each zone is capable of independently selecting any source. The system also features a source selection function, using an IR remote control or a keypad. By cascading additional DMS™ 4.4, the system can be expanded in increments of four zones per unit. Each category 5 wire run ends into an IWA (In Wall Amplifier), for amplification and control.

Applications:

Features & Benefits:

Multiple room audio system in residential markets
 Commercial installations in hotels, restaurants, sports bars, shopping malls, arcades, theme parks, gyms, etc.
 Audio and Video supplied to rooms on category 5 wires
 In-wall amplification to rooms
 Cable runs up to 1000 ft.

Easily integrated with TPA™ receiver and the MBA™ amplifier
 High quality audio
 Affordable price
 Easy to operate
 Simple installation
 Works off inexpensive wires
 Eliminates the need for rewiring
 Cable runs up to 250 ft per zone

Expandable in 4-zone increments
 Built-in TV/CATV/FM Stereo Tuner
 Source selection function using an IR Remote Control or keypad
 4 sources
 4 zones

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Architect Specifications:

The unit shall be housed in a standard rack unit. It shall have maximum distance on category 5 wire up to 1000 ft. from the hub. Its cable shall run up to 250 feet per zone. It shall be expandable in 4-zone increments. It shall have each zone capable of independently selecting any source. It shall have a built-in TV/CATV/FM Stereo Tuner. It shall also feature a source selection function, using an IR Remote Control or a keypad. It shall run off category 5 wires with each cable ending into an IWA (In Wall Amplifier), for amplification and control.

The unit shall be a Pragmatic DMS™ 4.4.

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