NETWORKED AUDIO - MULTIPURPOSE AV CART
Scalable Audio Solution Over A Dante™-Enabled Audio Network

SYSTEMS SOLUTIONS

RU-MLB4
Mic/Line Bi-Directional
Network Interface

Dante-Enabled
Central DSP

Network Switch

Additional Network
Devices

Powered Loudspeakers

Network Jack

Network Jack

Network Jack

Network Jack

Microphone

AV Cart

Room A

Room B

Room C
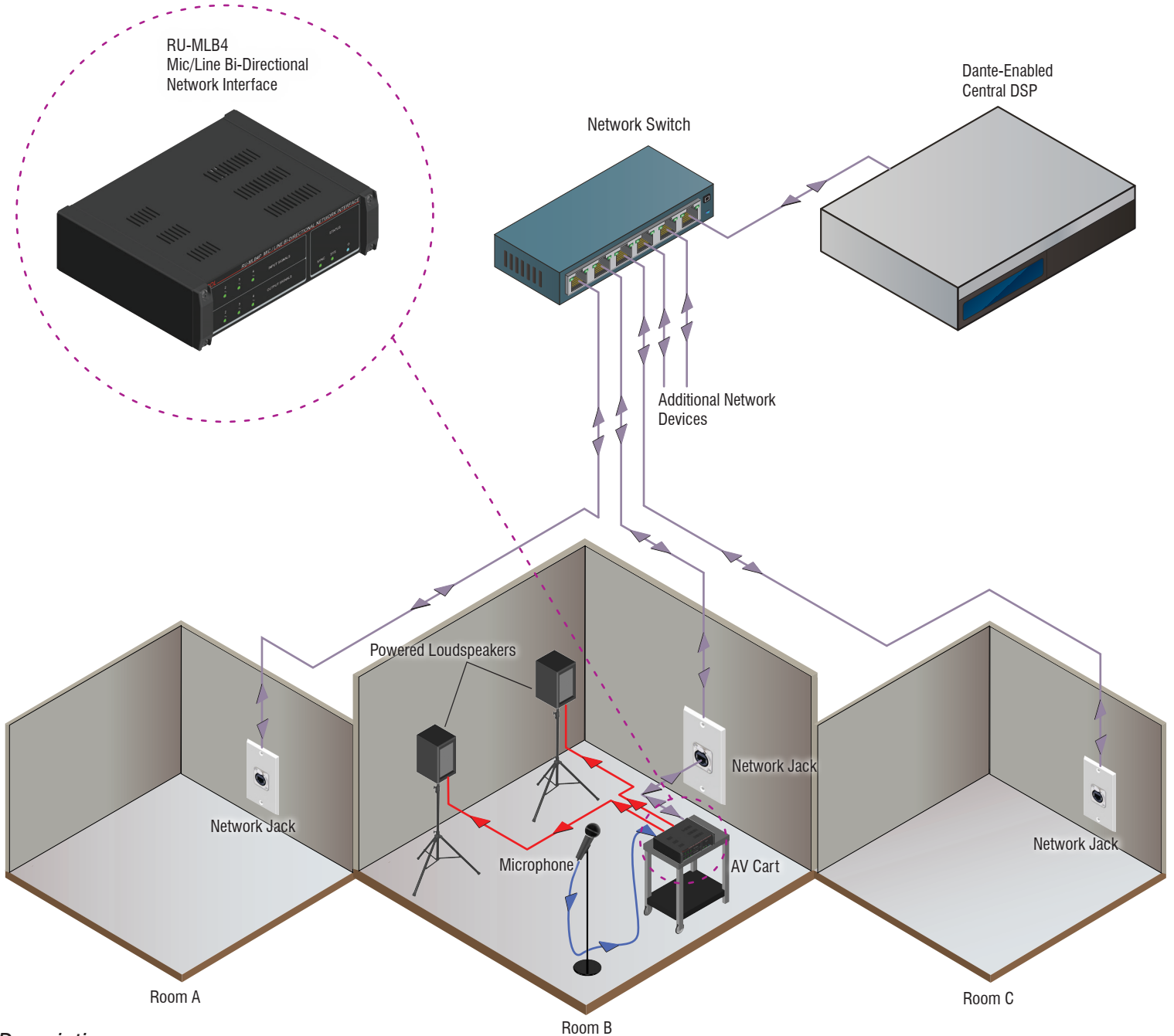
Description:

The sound system in this multipurpose facility is designed to offer the end user a scalable audio solution for a variety of functions. The system is based on a centralized Dante-enabled DSP and a number of portable systems each of which includes active loudspeakers and a cart-mounted RU-MLB4 Mic/Line Bi-Directional Dante Network Interface as shown above. Each RU-MLB4 is assigned a unique STATIC IP address which is recognized by the DSP from any location in the building. The RU-MLB4 provides up to four mic or line audio inputs. Depending on the size and nature of the event additional carts can be deployed to provide additional inputs and/or outputs.

Notes: 1] If passive loudspeakers are used and/or if local volume adjustment is needed, an RDL VCA and audio power amplifier may be added to the cart; 2] An RDL RU-MLB4P may be substituted for the RU-MLB4 if POE power is available through all the network jacks.

RDL
Radio Design Labs
www.rdlnet.com

Parts List
Product	QTY
RU-MLB4	1

Recommended Pwr. Supplies
Product	QTY
PS-24AS 24 Vdc 500 mA	1

Line Color Key
- Line Level Audio Signal
- Loudspeaker Level
- Control Signal
- Video
- Mic Level Audio Signal
- Network
- Power
- Miscellaneous