



DANTE™ AV NETWORKING WORLD

NORTH AMERICAN REGIONALS - SPRING 2015

Bose Dante Products

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AV Network World

Seattle, WA

March 25, 2015

BOSE PROFESSIONAL

pro.Bose.com

Why Dante?

- We Have CobraNet ...
- We Developed AVB Cards for All Our Products ...
- Concluded Dante Was the Best Solution for Our Customers:
 - Cost Effective
 - Not Inexpensive but Cost-Effective
 - Complete Solution
 - Lots of Products
 - “No Worries Media Clock”
 - Dante Virtual Sound Card (Mac/PC)
 - Dante Controller (works with all Dante Products)
 - API (Allows Us to do Stuff Under the Hood)
 - “Always Works”
 - Simple

Dante Products are Everywhere

Over 200 Manufacturers

Over 300 Products



Dante Products

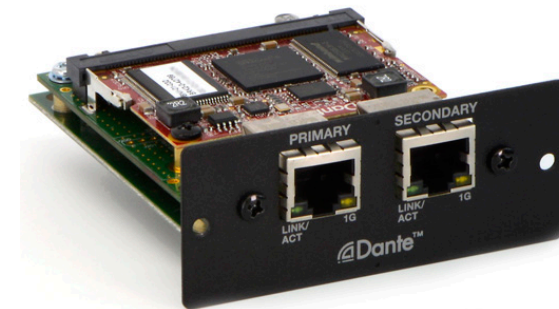
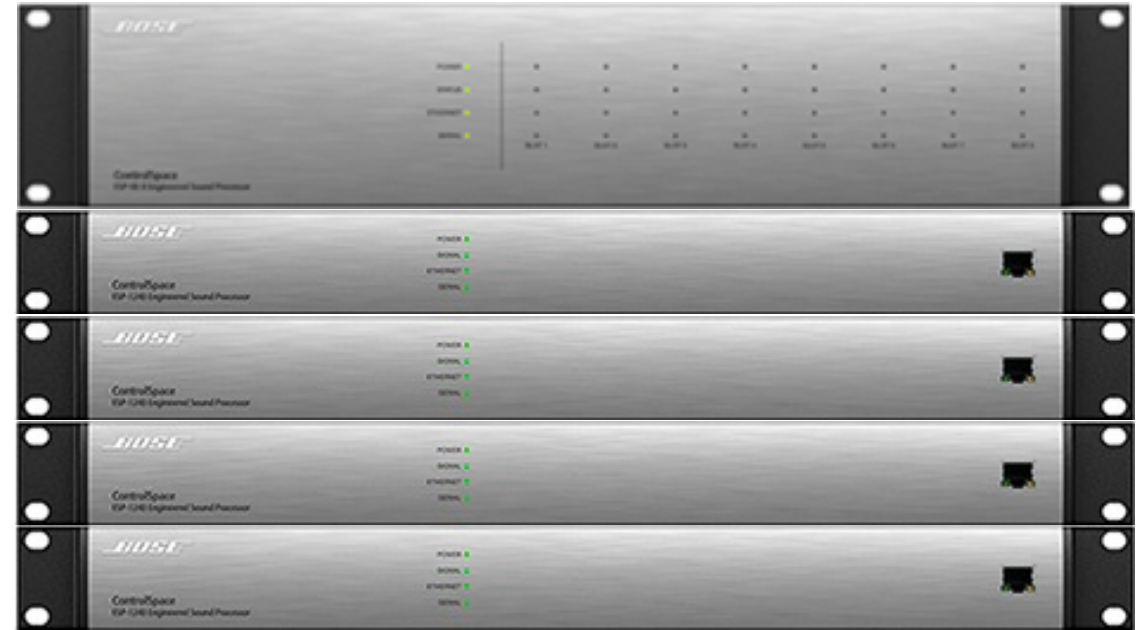
Easy to Mix and Match I/O,
Mixers, DSPs, Amps



Dante Capable DSPs

5 Models

- ESP-00 (Card-Frame)
 - Up to 8 expansion cards
- Fixed I/O ESPs
 - ESP-880: 8x8 analog
 - ESP-1240: 12x4 analog
 - ESP-4120: 4x12 analog
 - ESP-1600: 16x0 analog
- All support 16x16 Dante
- Fixed I/O ESPs include built-in 8-ch ESPLink digital output



Dante Capable Amplifiers

4 Models of Configurable Power Amplifiers

- All Available in USB + Network or USB-only*
- All Support 8x8 Dante Expansion Card

*USB version does not support control integration with large systems.



ControlSpace EP22-D 2-in/2-out Dante Endpoint

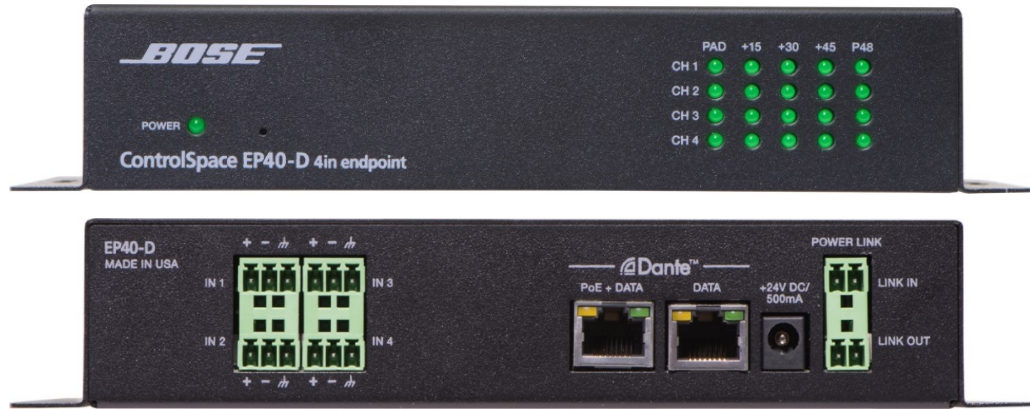


- 2-in (mic/line level), 2-out
- Only 1" Thick; Mounts Almost Anywhere
- Phantom, Multiple Gains
- Control/Route in ControlSpace Designer
- PoE or DC input

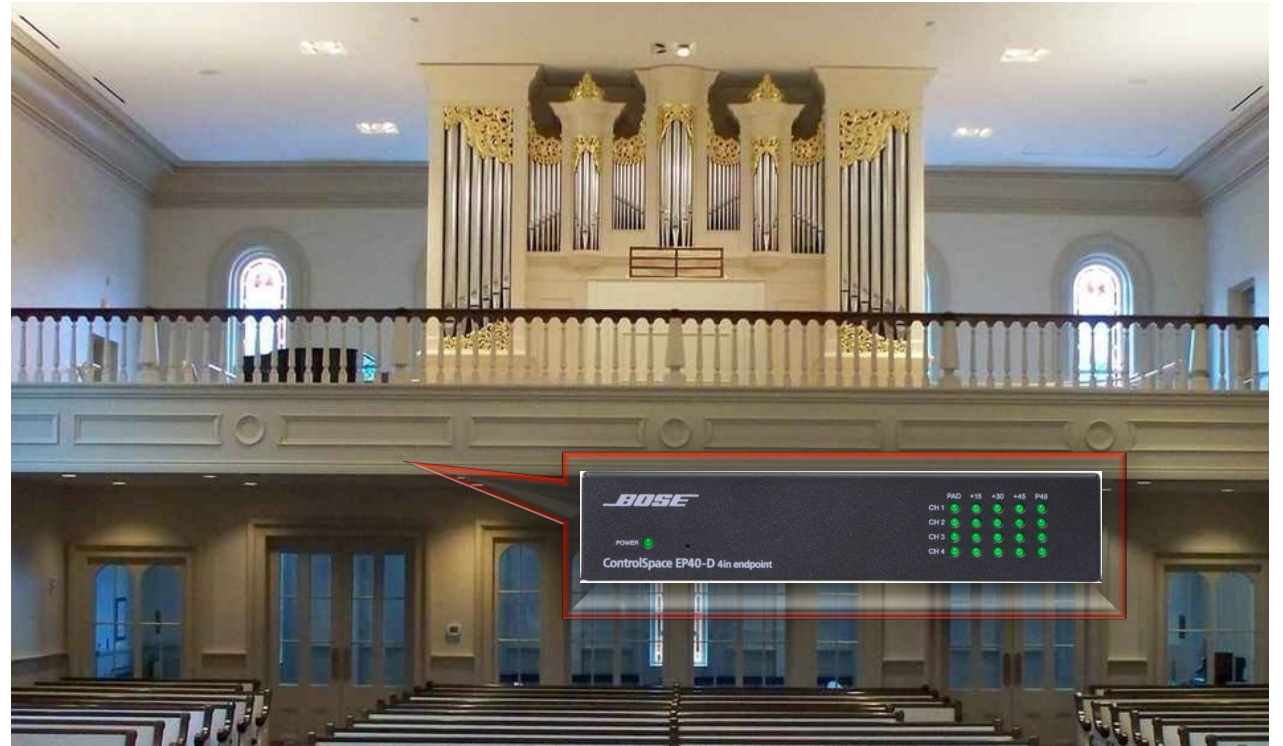


Typical Application
Mic input; Mounted in Podium

ControlSpace EP40-D 4-in Dante Endpoint



- 4 Mic/line Inputs
- Phantom, 8 Gain Levels
- Control/Route in ControlSpace Designer
- PoE or DC Input
- *Daisy Chain Dante, Power*



Typical Application
Four Microphones in Choir Loft

ControlSpace WP22B-D 2-in/2-out Dante Wallplate

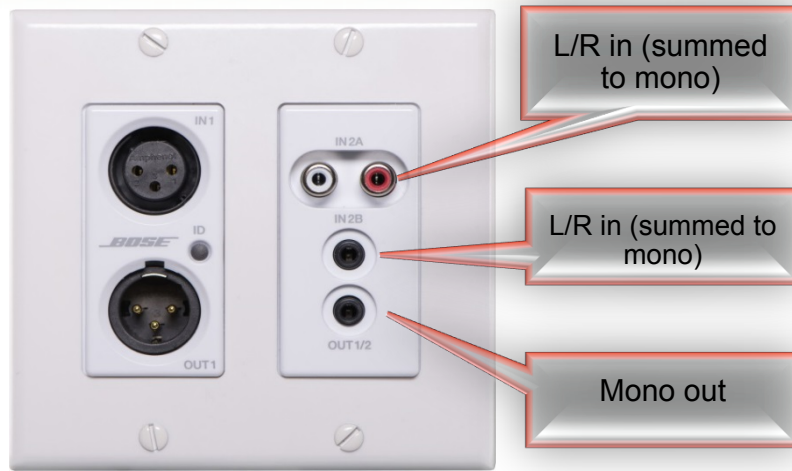


- 2-in (mic/line level), 2-out
- Phantom, Multiple Gains
- Control/Route in ControlSpace Designer
- PoE
- Mounts in US 2-gang Wallbox



Typical Application
Microphone or DJ and Powered Speaker
in Hotel Ballroom

ControlSpace WP22BU-D 2-in/2-out Dante Wallplate



- 2-in (mic/line level), 2-out
- Stereo in/out (RCA/3.5mm)
- Phantom, Multiple Gains
- Control/Route in ControlSpace Designer
- PoE, Mounts in US 2-gang Wallbox



Featured Application
PC, iPod, Mic connection in lectern

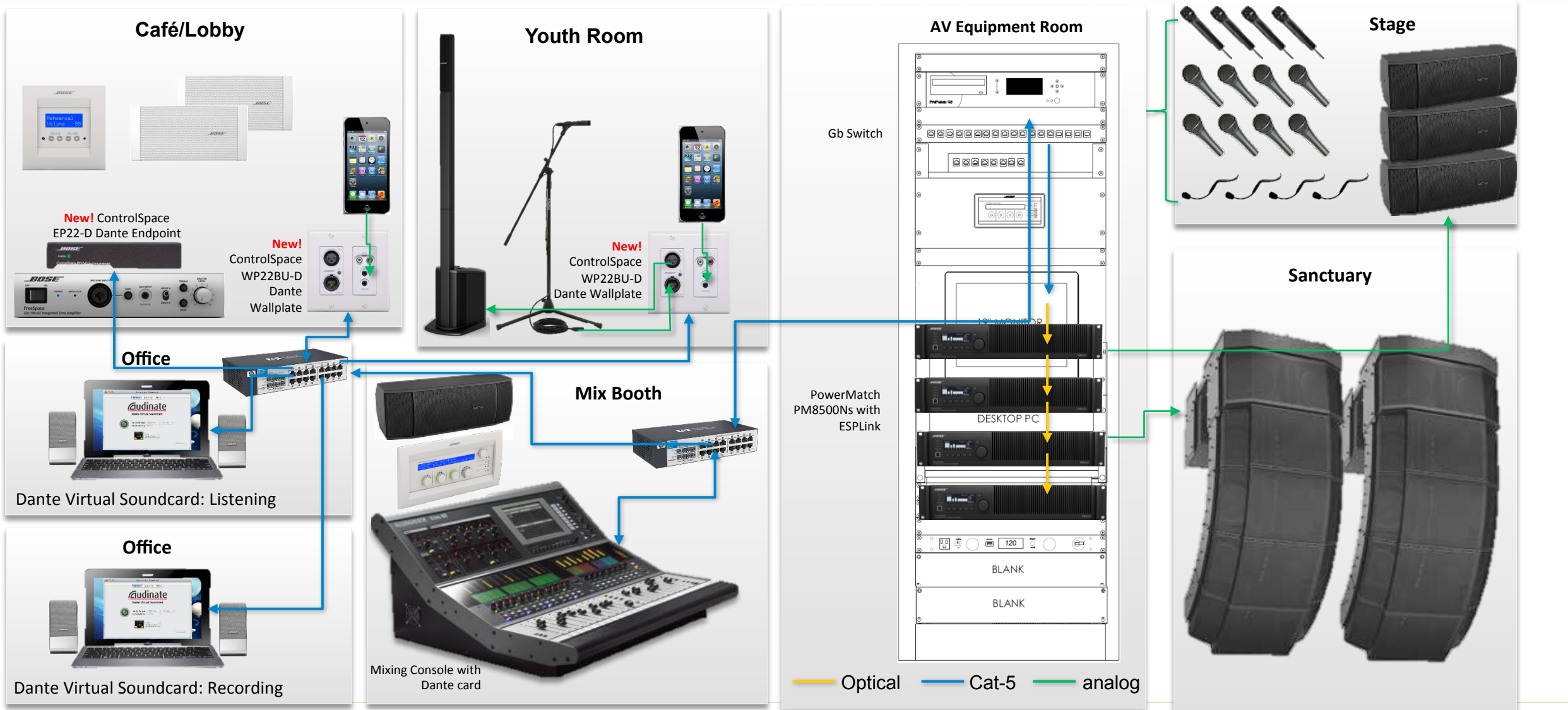


	EP22-D	EP40-D	WP22B-D	WP22BU-D	ESP-1600
Inputs					
channels	2	4	2	2	16, 32 with Dante card
Type	mic/line	mic/line	mic/line	mic/line (XLR), unbalanced (RCA & 3.5mm)	mic/line
Phantom	24V	48V	48V	48V	48V
Gain	0, +25, +40dB	-12/0/3/15/18/30/33/45 dB			0/14/24/32/44/54/64 dB
Maximum input level	+12 dBu (@ 0dB gain)	+20dBu (@ -12dB gain)	+12 dBu (@ 0dB gain)	+12 dBu (@ 0dB gain)	+24 dBu (@ 0dB gain)
Outputs					
channels	2	0	2	2	8, 24 with Dante card
Type	balanced, line-level		balanced line (XLR)	balanced line (XLR), unbalanced stereo (3.5mm)	ESPLink, Dante
Gain	0, +10dB				-60 -+12dB
Power					
PoE	Yes	Yes	Yes	Yes	No
DC Power (opt.)	12VDC	24VDC	No	No	No
Physical					
Dimensions mm (HxWxD)	27 x 164 x 88	27 x 164 x 88	70 x 91 x 48	70 x 91 x 48	44 x 483 x 215
Dimensions in. (HxWxD)	1.06" x 6.45" x 3.45"	1.5" x 8.32" x 4.74"	2.75" x 3.6" x 1.88"	2.75" x 3.6" x 1.88"	1.7" x 19.0" x 8.5"

Application: House of Worship



Application: House of Worship



Application: Shopping mall





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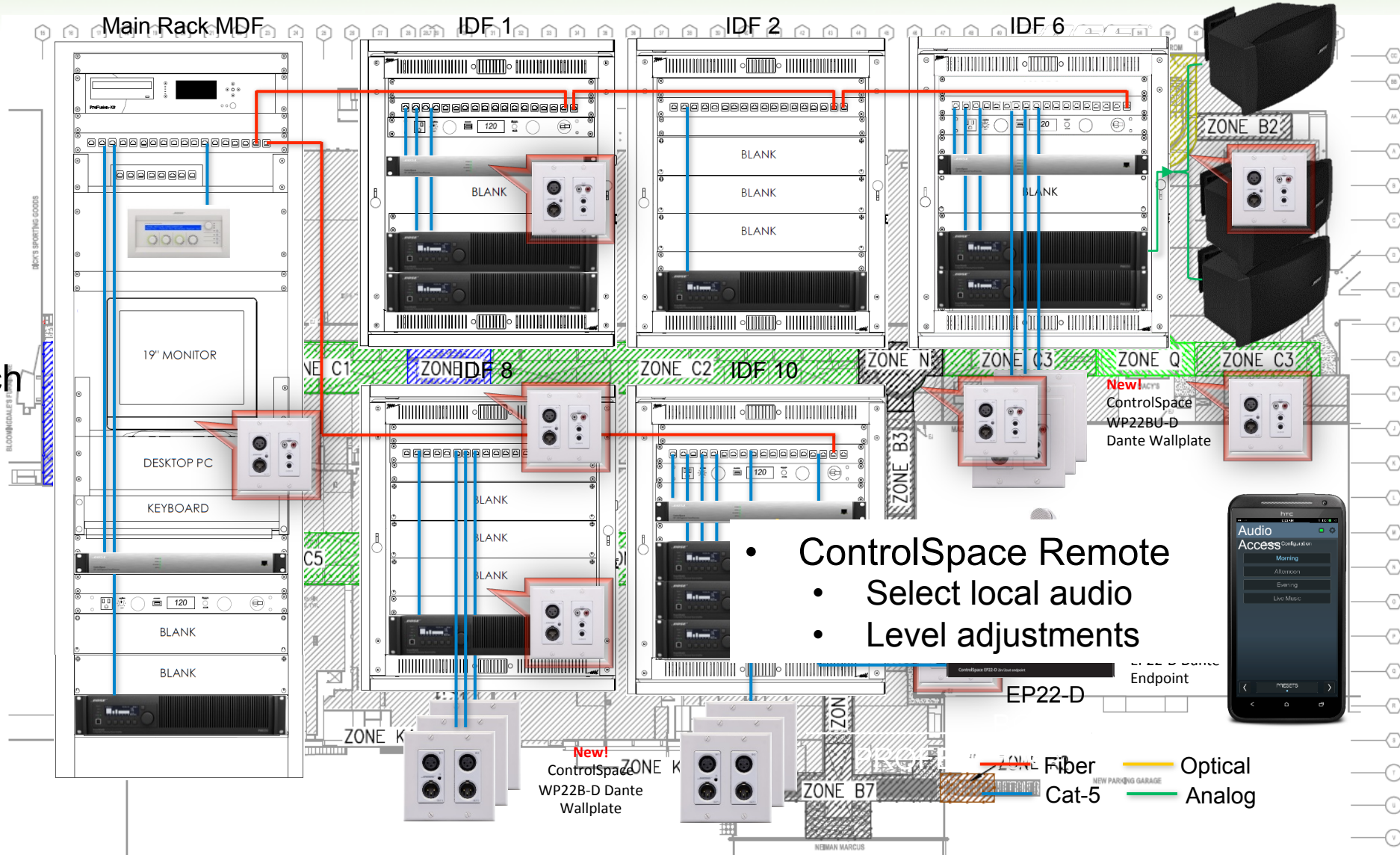
<http://www.audinate.com/resources> © 2015

Shopping Mall System Design

- 260 stores
- 200,000 m² retail

Concourse Sound System:

- 32 zones
- 9 audio access points
- 6 equipment rooms
- Fiber backbone
- 10 PowerMatch 4- & 8-ch Networked amplifiers
 - 7 with Dante
- 430 loudspeakers
- 18.5 kW (tapped)
- 4 ControlSpace DSPs
 - All with Dante
- 1 ControlSpace CC-64
- 10 Dante endpoints
 - 9 Local audio wallplates
 - 1 for security microphone



- ControlSpace Remote
 - Select local audio
 - Level adjustments

Bose ControlSpace/PowerMatch Dante Line-up



8 Dante-enabled PowerMatch® 4- and 8-channel configurable amplifiers



New!
ControlSpace | Remote

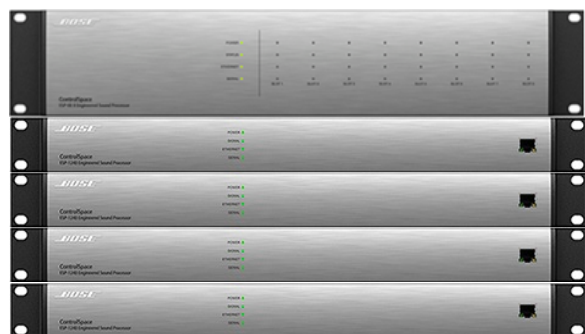
New!
ControlSpace® Dante Endpoints



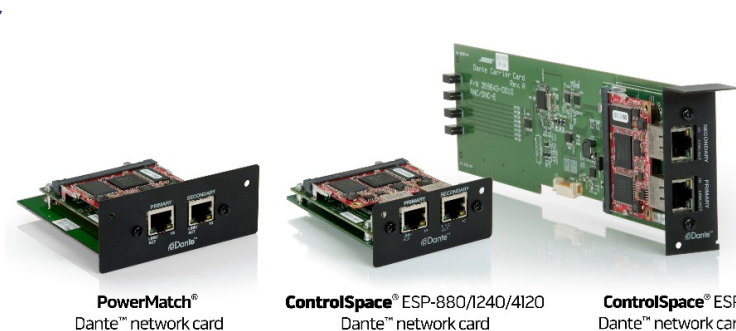
New!
ControlSpace® Designer v4.2



New!
ControlSpace® ESP-1600



5 Dante-enabled ControlSpace® Card-frame and Fixed I/O Engineered Sound Processors



PowerMatch®
 Dante™ network card

ControlSpace® ESP-880/1240/4120
 Dante™ network card

ControlSpace® ESP
 Dante™ network card

PowerMatch & ControlSpace
 Dante Accessory Cards



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Thank You!

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