

SonaFlexTM
S E R I E S

Audio  Authority[®]



SonaFlex SF-16 16-Channel Digital Amplifier



16 channels of digital amplification - 60W RMS per channel @ 4 Ohms



8 stereo RCA inputs can be assigned as stereo or mono to any channel output



Class A/B Audio Performance with the efficiency of a Class D amplifier
Custom power supply delivers generous headroom for transient peaks



Quick-connect DB-25 input from Audio Authority ADX and HLX audio matrix switchers



RCA inputs support consumer audio sources or non-Audio Authority multi-zone systems



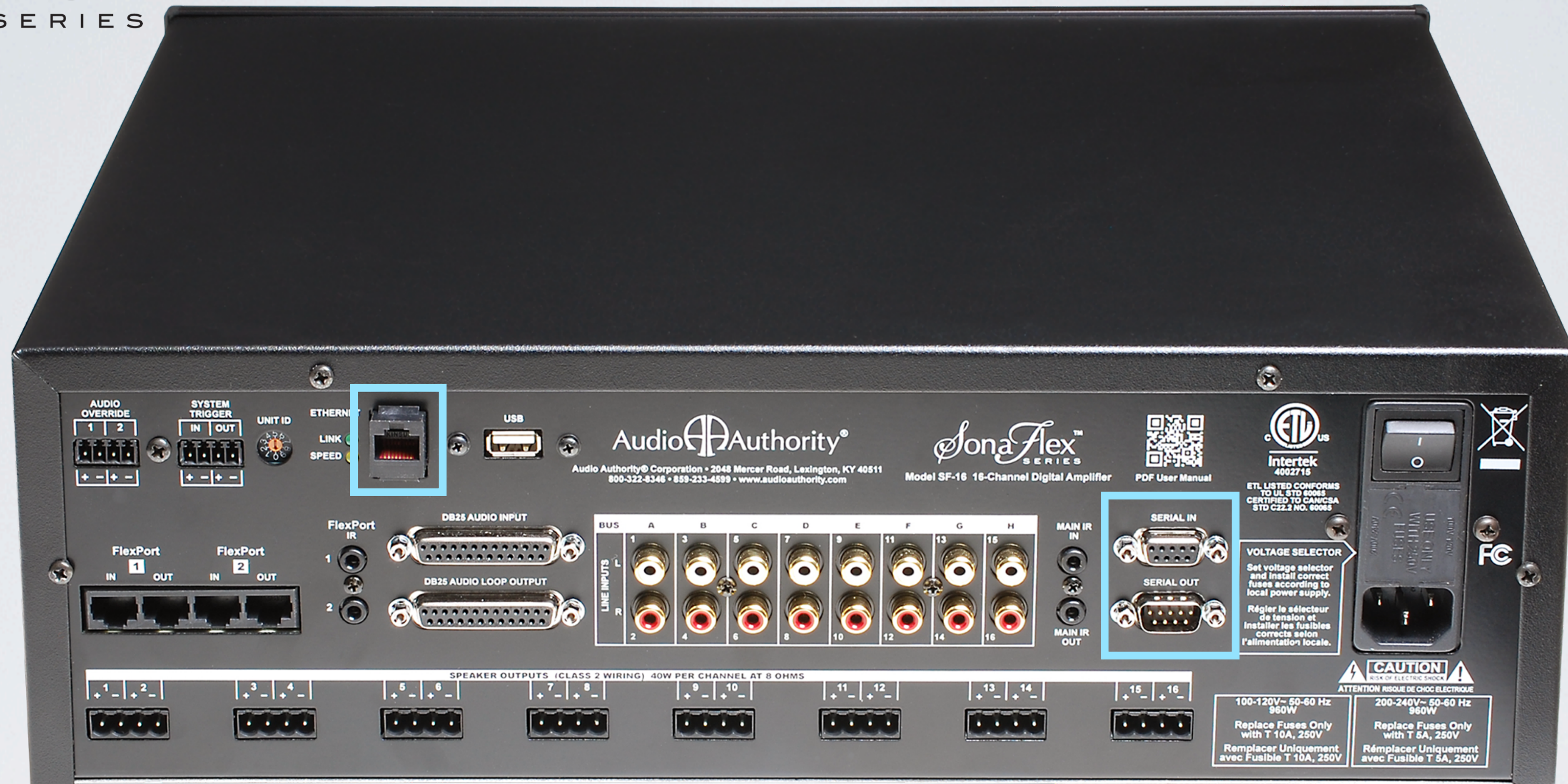
FlexPort Cat-5 inputs for connection of optional Audio Authority wallplates



Channel override for local source selection, paging, room combining and more



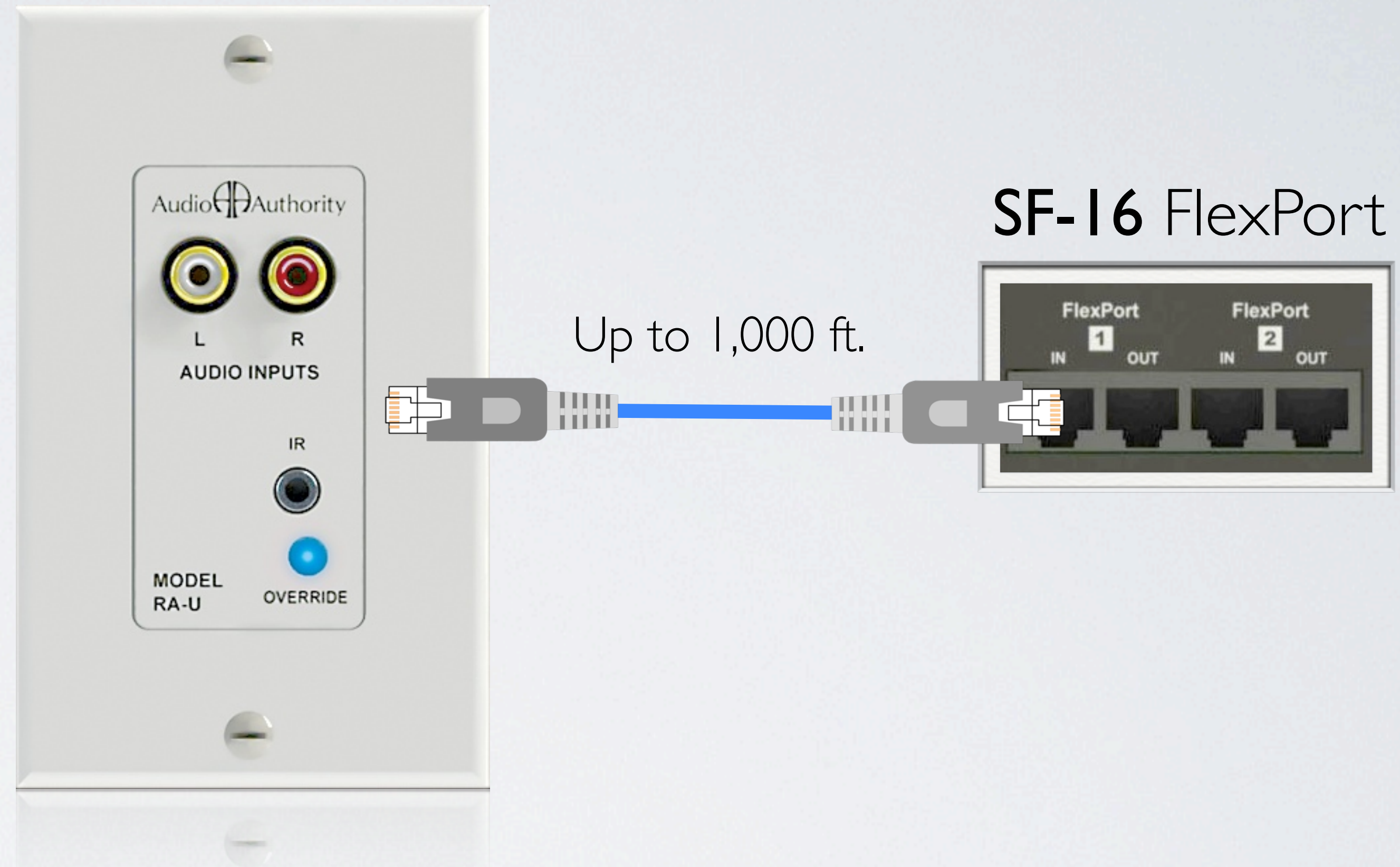
IR, RS-232 and Ethernet control of channel volume, muting, override and volume presets



Quick setup using PC configuration software or front panel

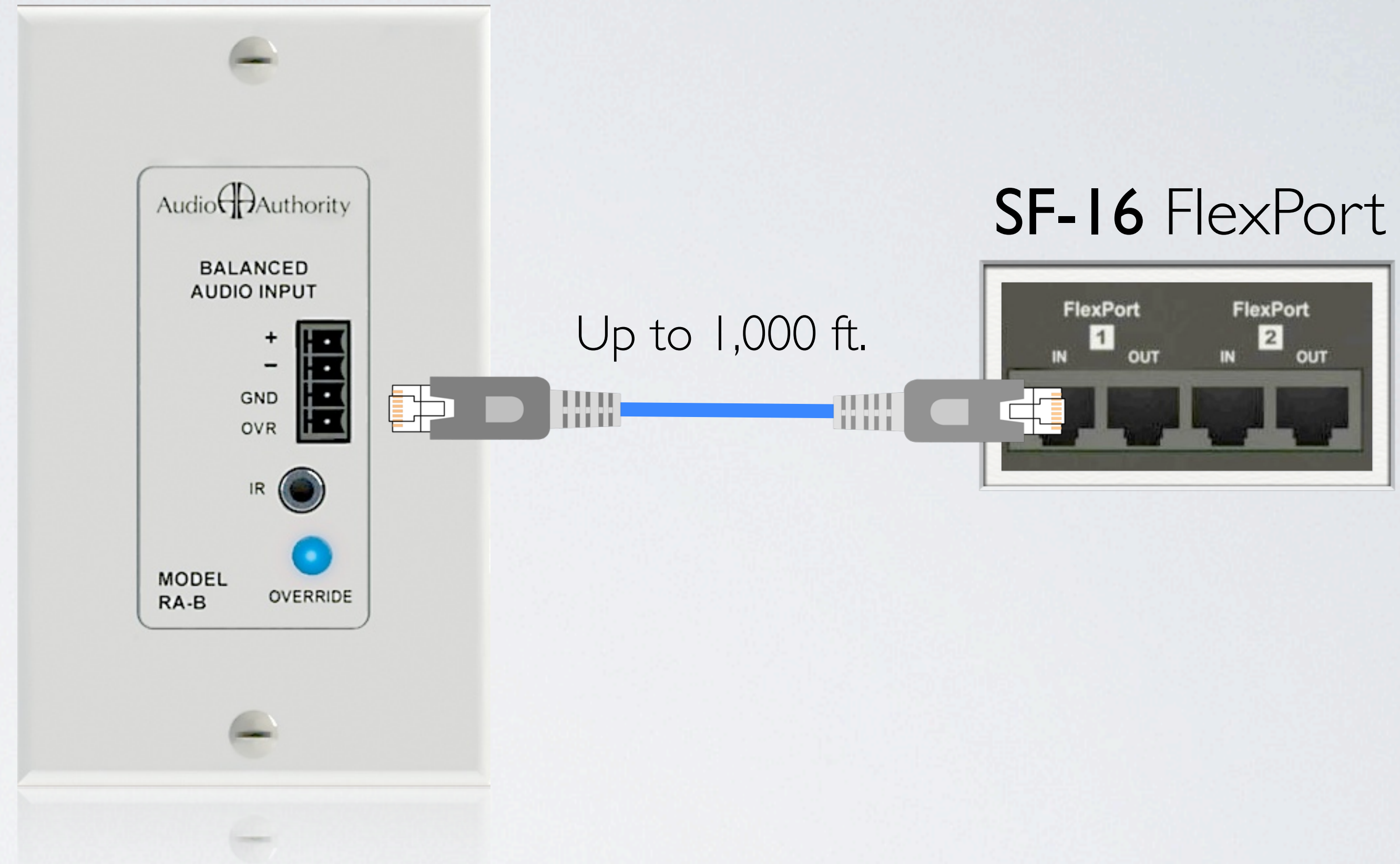


FlexPort Wallplates



RA-U Stereo RCA Audio Wallplate

- Consumer grade audio sources – iPhones, media players, etc.
- Perfect for local source override in multi-zone audio systems
- Ideal for any remotely located stereo audio source



RA-B Balanced Audio Wallplate

- For Pro Audio Sources:
 - ▶ Paging microphones, audio mixers & other sources with balanced audio outputs
- Override button sends override command & provides status



Up to 1,000 ft.

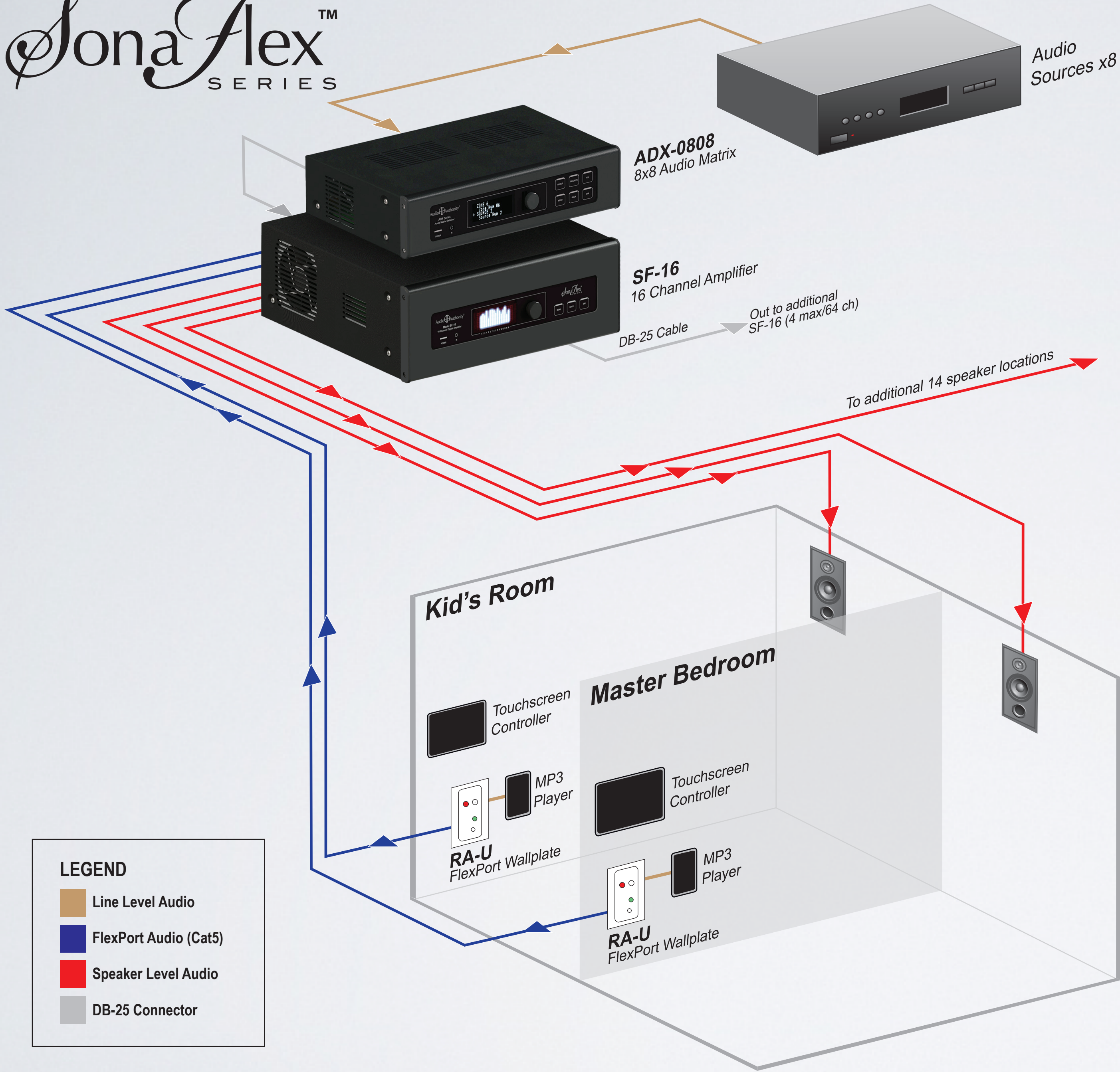
SF-I6 FlexPort



RA-PM Paging Mic Wallplate

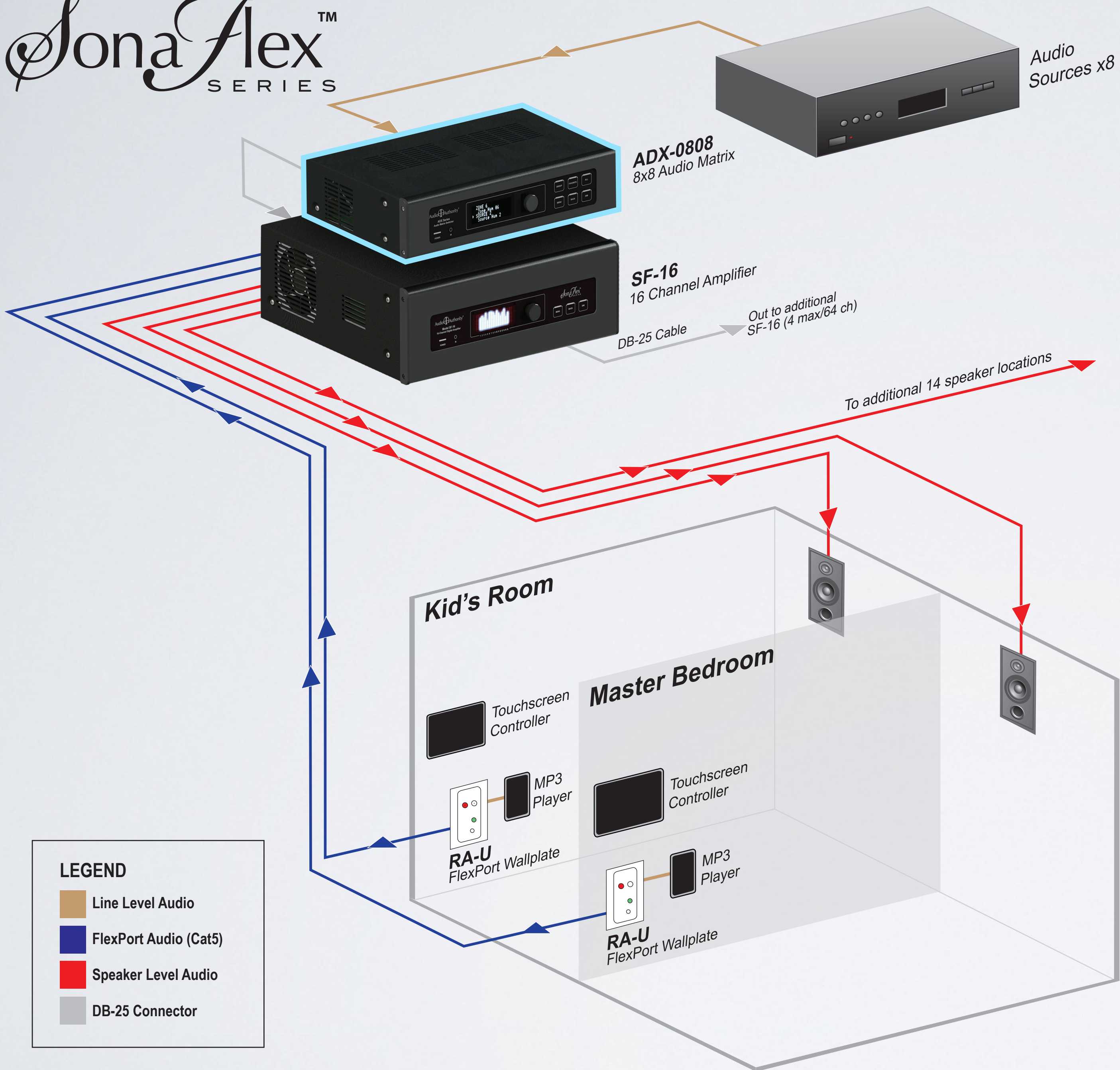
- Includes gooseneck microphone
- Wall or lectern mounted
- Push to talk button with override status

SF-16 PRODUCT APPLICATIONS



LEGEND

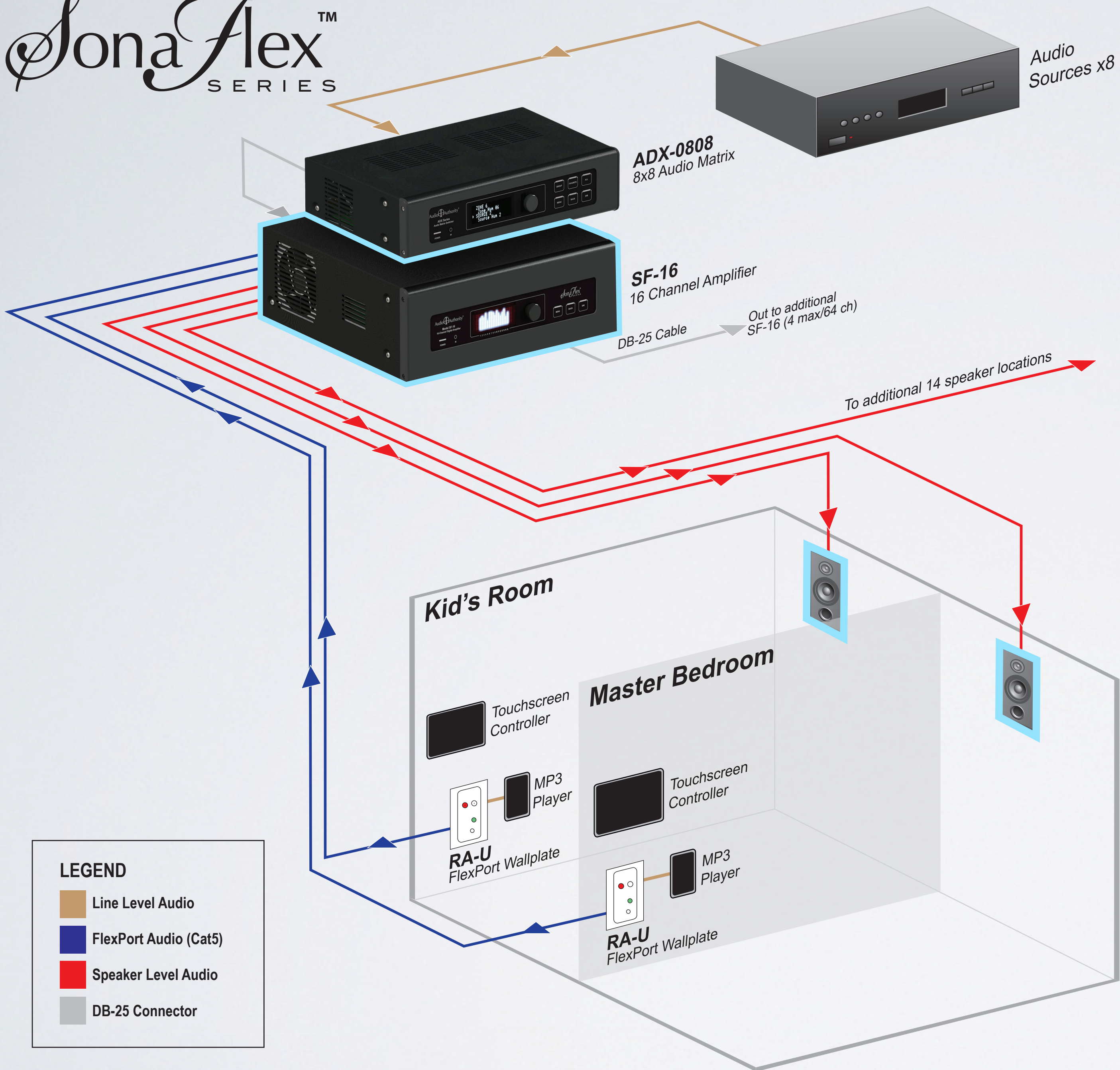
- Line Level Audio
- FlexPort Audio (Cat5)
- Speaker Level Audio
- DB-25 Connector



RESIDENTIAL APPLICATION

SF-16/ADX Whole-House Audio

- ADX routes 8 audio sources to 8 zones



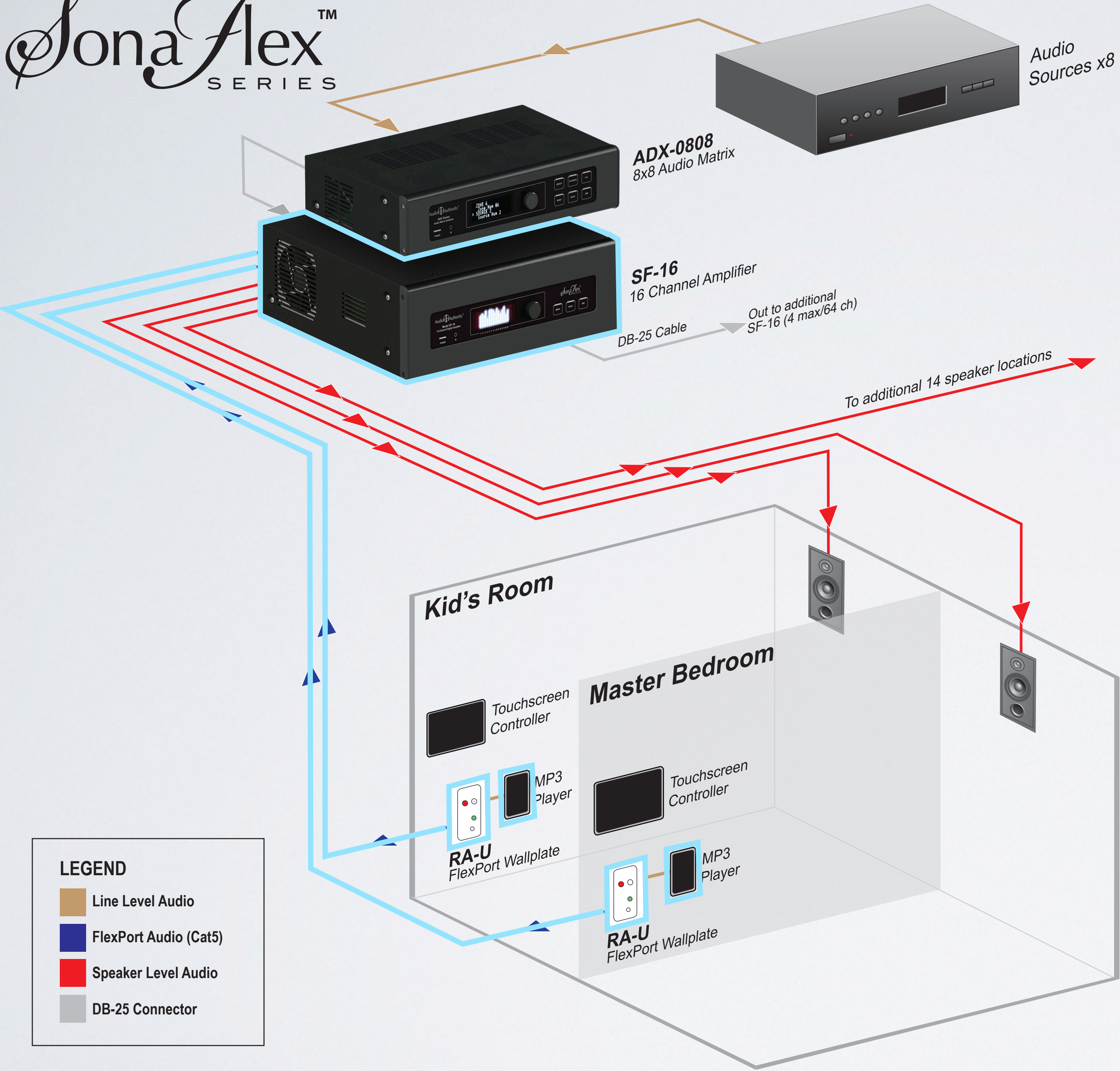
RESIDENTIAL APPLICATION

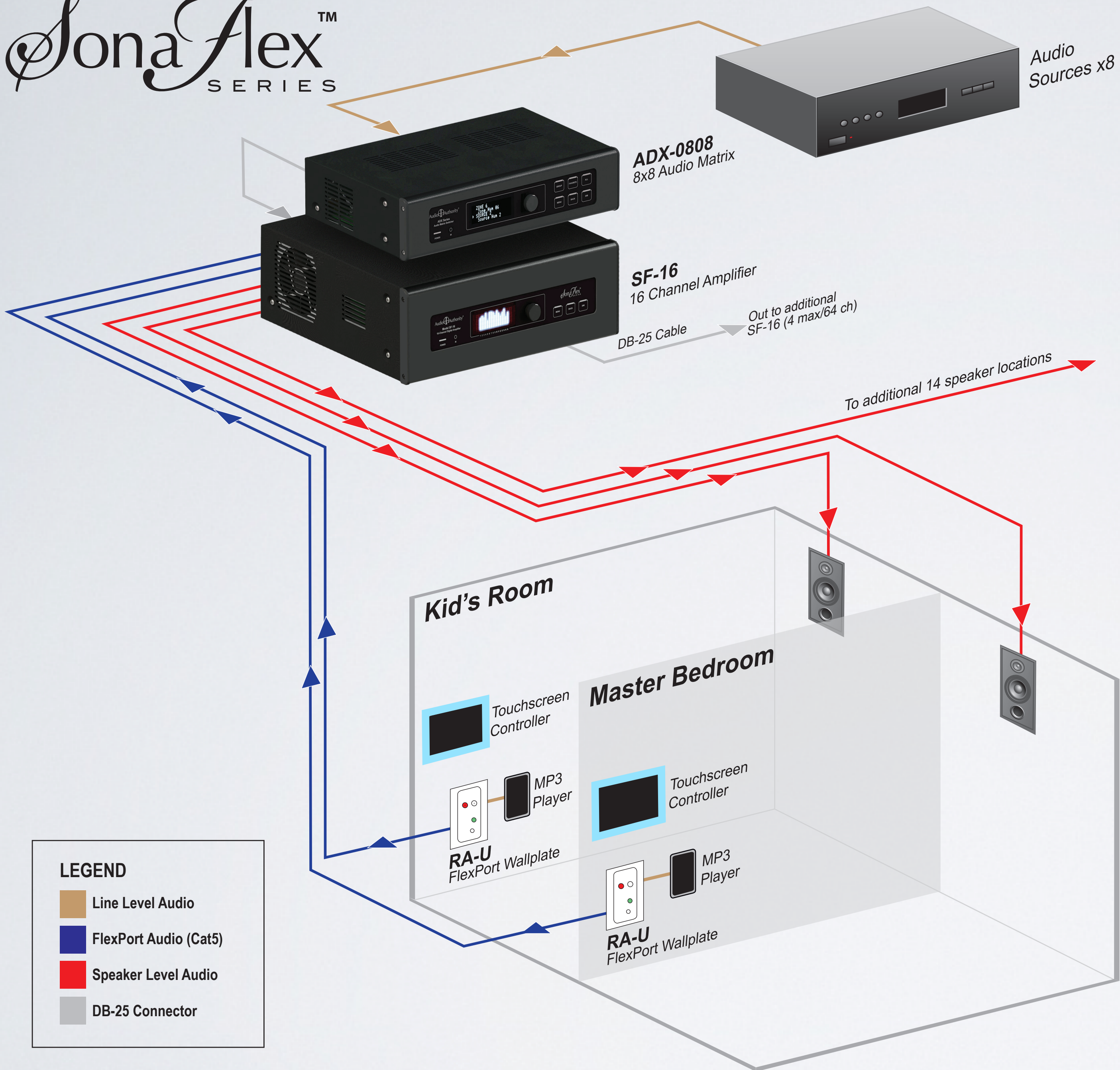
SF-I 6/ADX Whole-House Audio

- ADX routes 8 audio sources to 8 zones
- SF-I 6 Amplifier delivers 60W per channel to speakers throughout the house

SF-16/ADX Whole-House Audio

- ADX routes 8 audio sources to 8 zones
- SF-16 Amplifier delivers 60W per channel to speakers throughout the house
- Local mp3 players in the kid's and master bedrooms override whole-house audio system via RA-U wallplates and the SF-16 amplifier

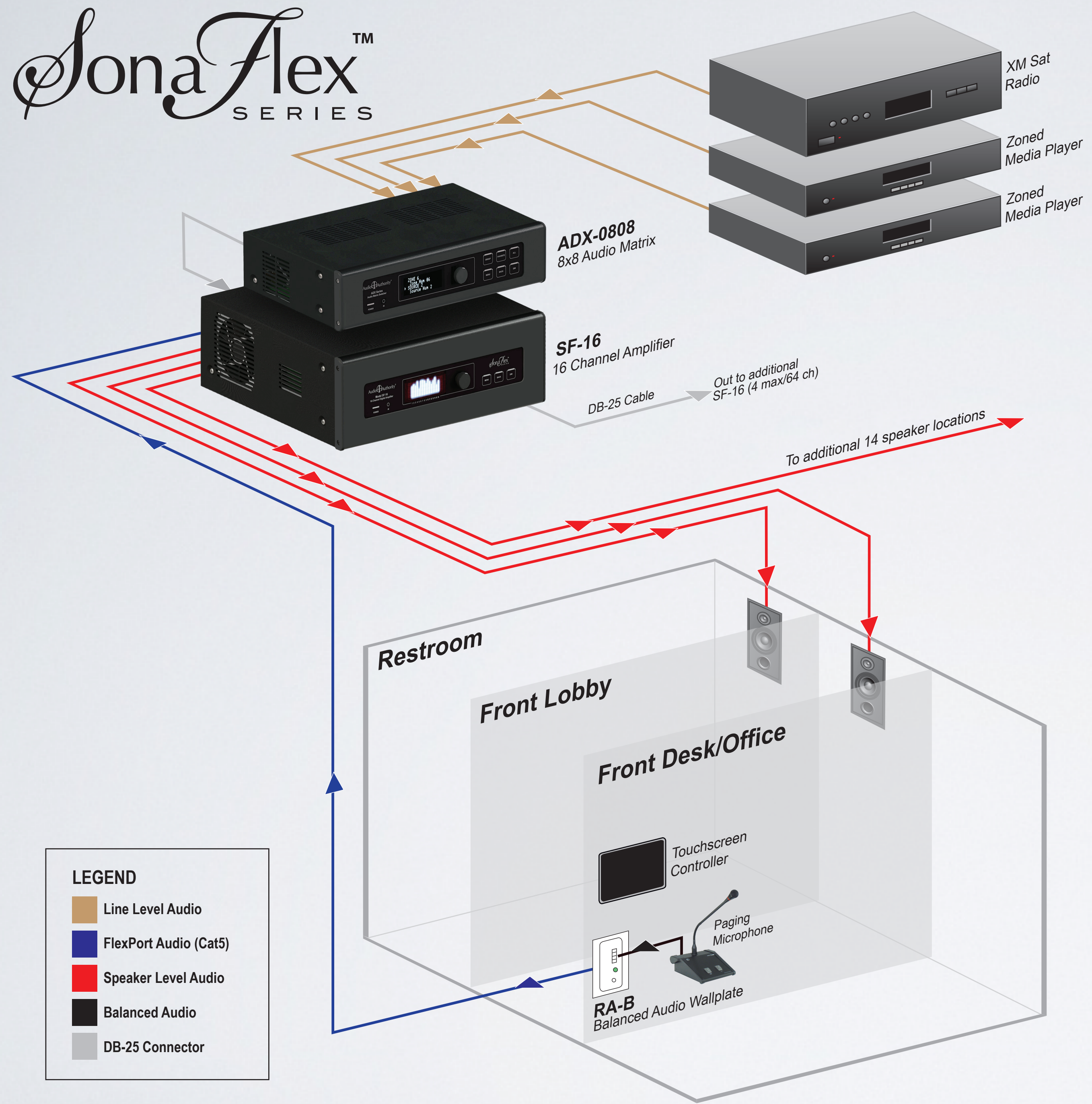


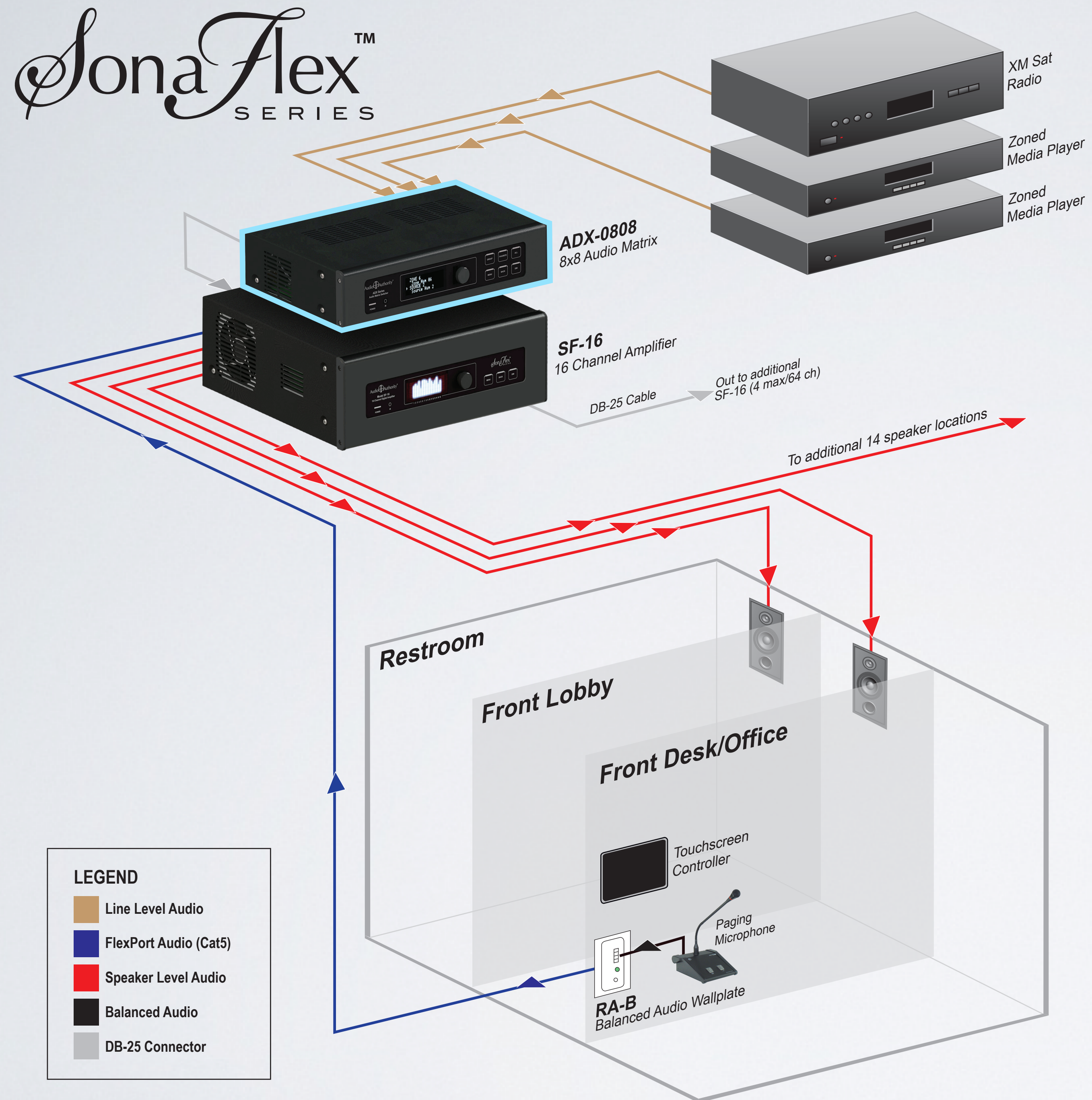


RESIDENTIAL APPLICATION

SF-I6/ADX Whole-House Audio

- ADX routes 8 audio sources to 8 zones
- SF-I6 Amplifier delivers 60W per channel to speakers throughout the house
- Local mp3 players in the kid's and master bedrooms override whole-house audio system via RA-U wallplates and the SF-I6 amplifier
- 3rd party touchscreen controls all switching, local source override and audio sources

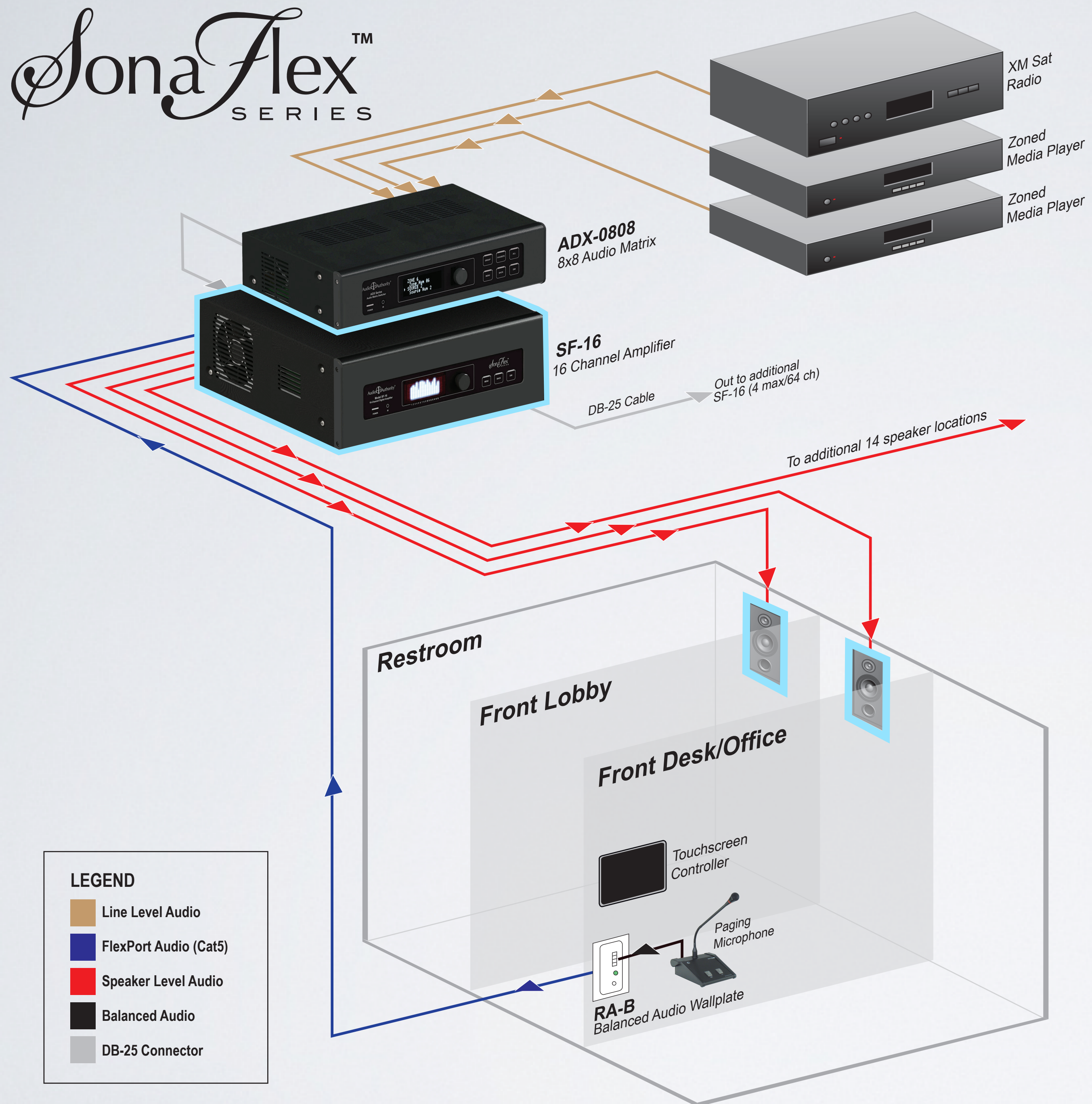




HOTEL APPLICATION

SF-16/ADX Distributed Audio

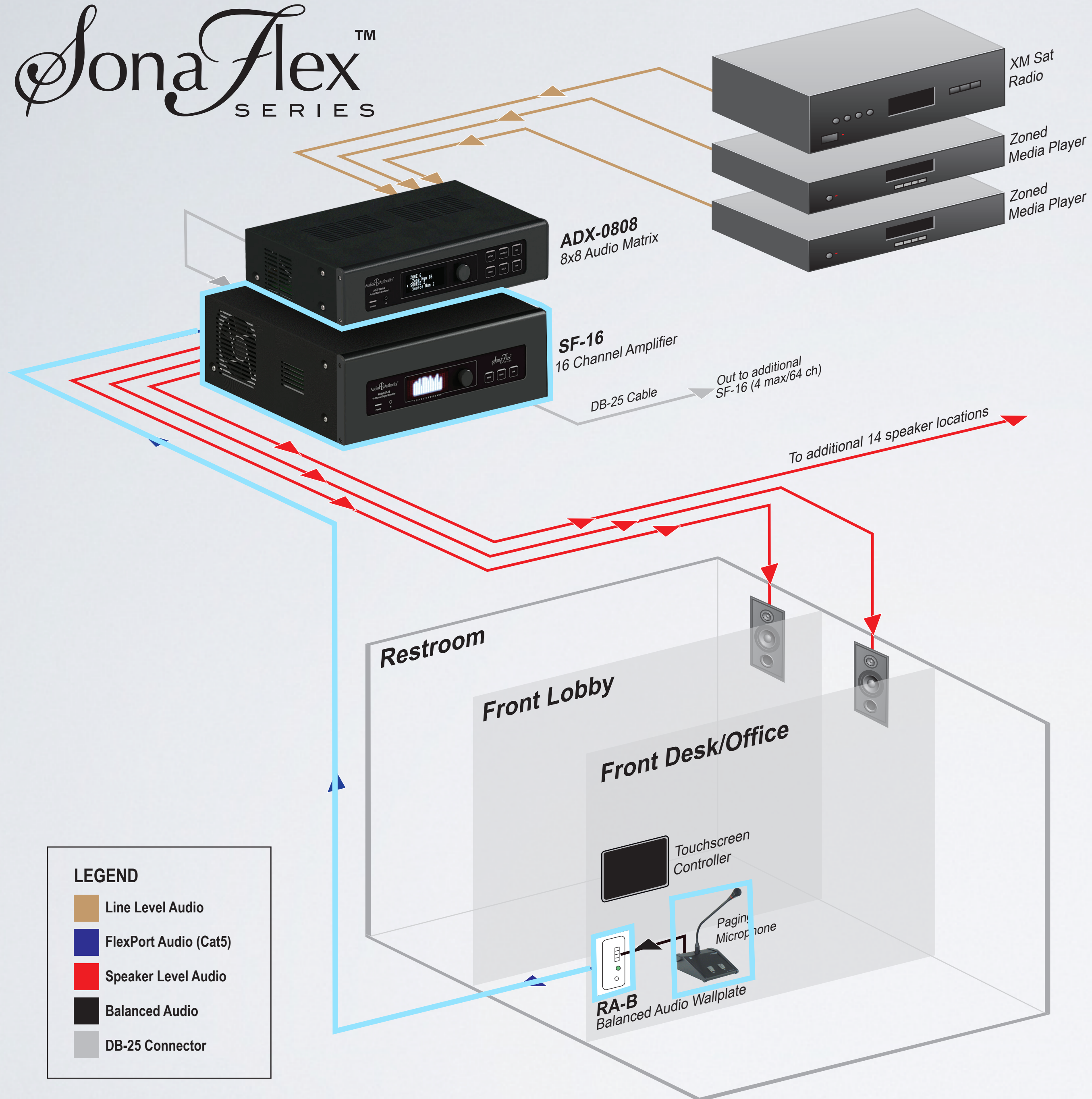
- ADX routes 3 audio sources to 8 areas



HOTEL APPLICATION

SF-I 6/ADX Distributed Audio

- ADX routes 3 audio sources to 8 areas
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HOTEL APPLICATION

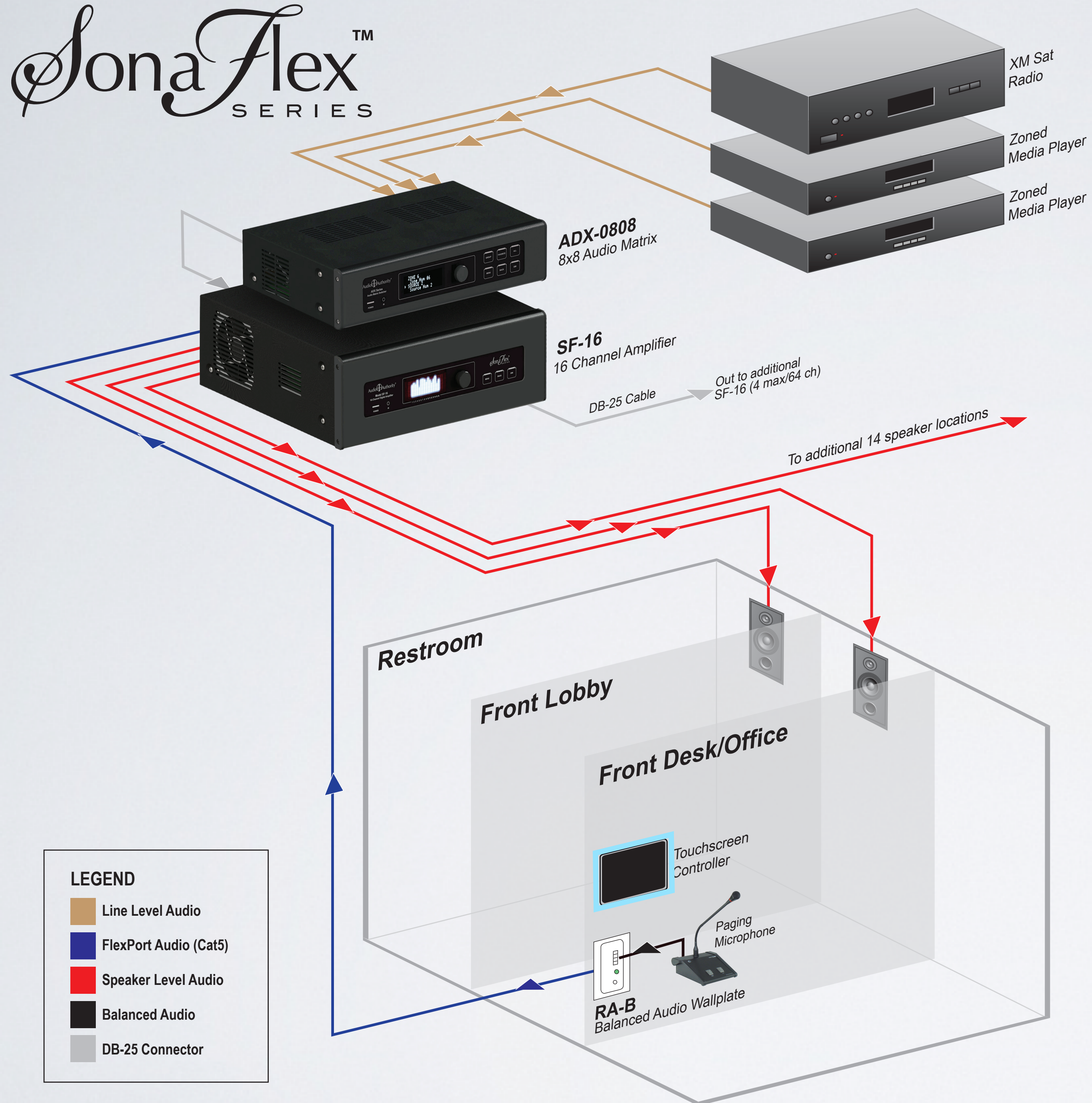
SF-16/ADX Distributed Audio

- ADX routes 3 audio sources to 8 areas
- SF-16 Amplifier delivers 60W per channel to speakers throughout the facility
- Paging announcements are issued from the front desk to select areas using a push-to-talk mic connected to the RA-B wallplate and the SF-16

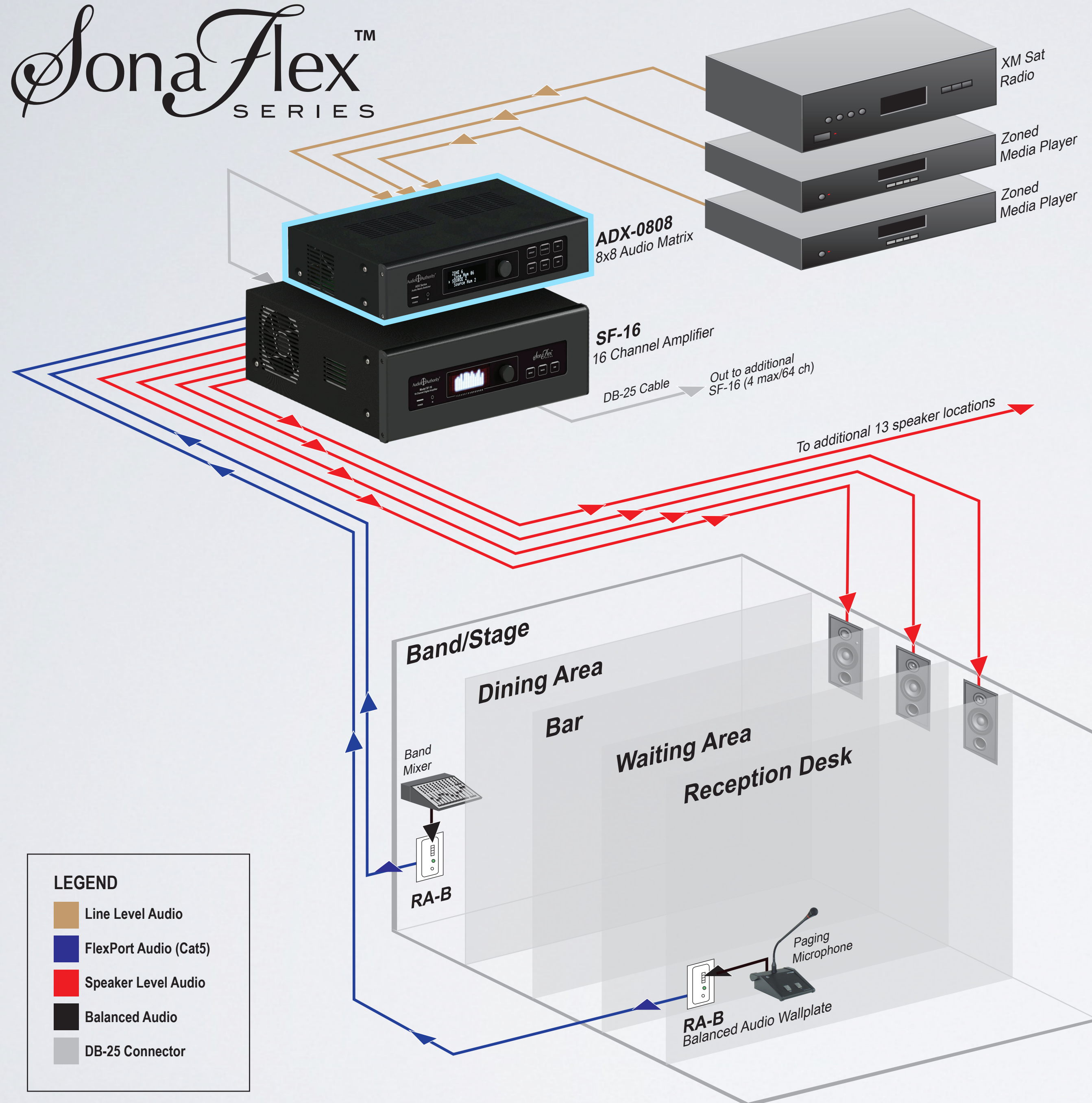
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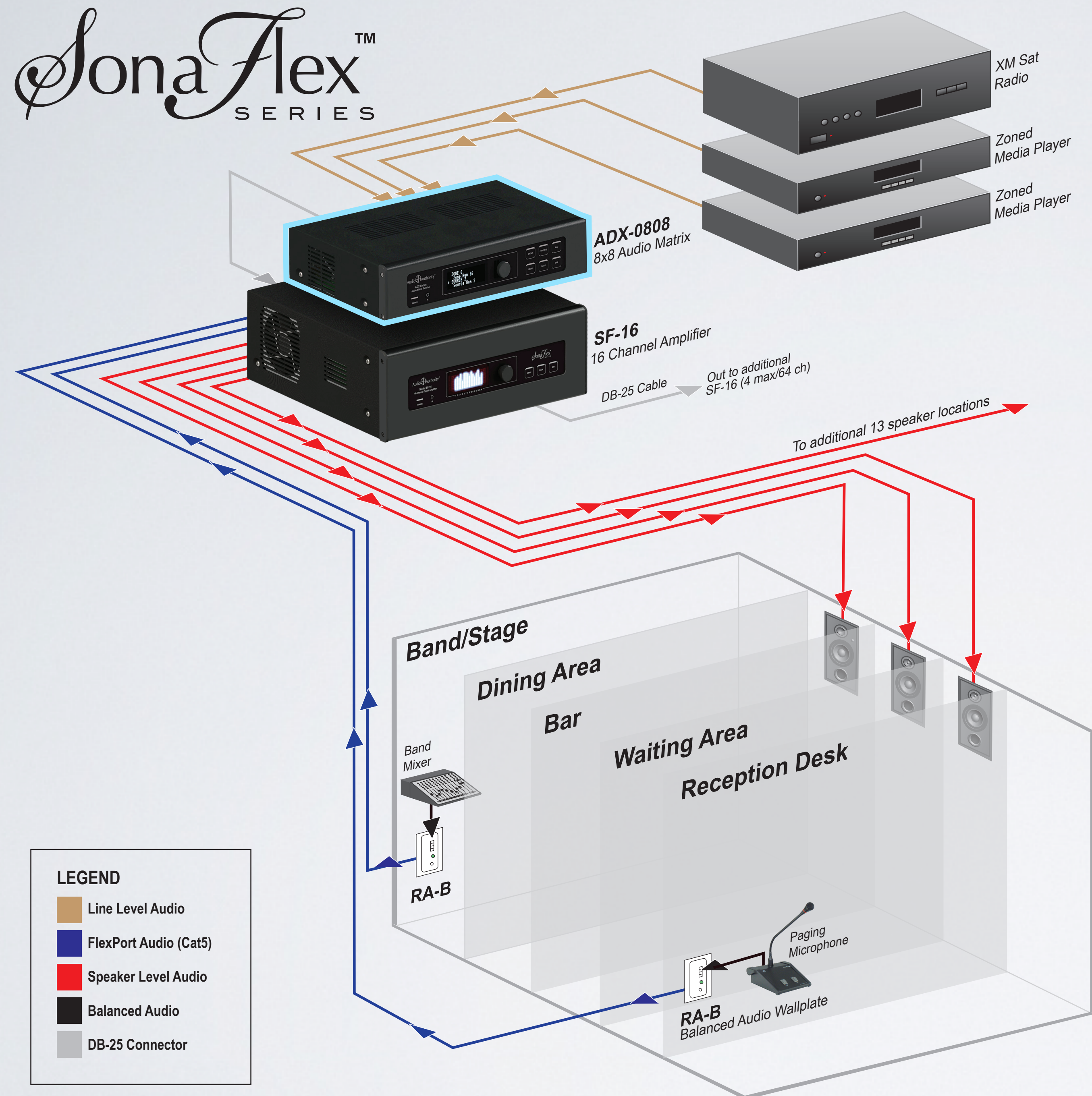
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- 3rd party touchscreen controls all switching and audio sources



SF-16/ADX Distributed Audio





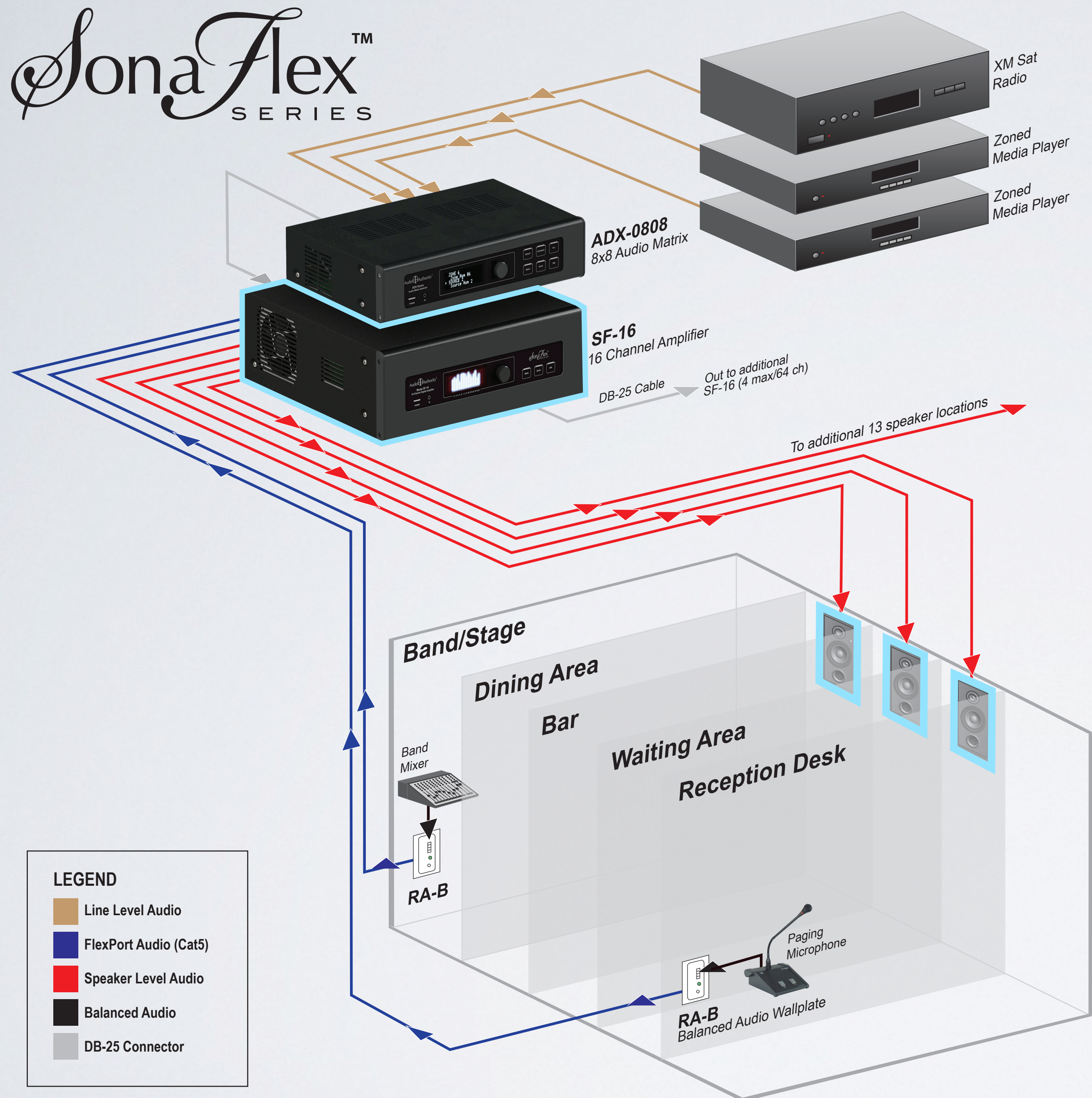
LEGEND

- Line Level Audio
- FlexPort Audio (Cat5)
- Speaker Level Audio
- Balanced Audio
- DB-25 Connector

RESTAURANT/BAR APPLICATION

SF-16/ADX Distributed Audio

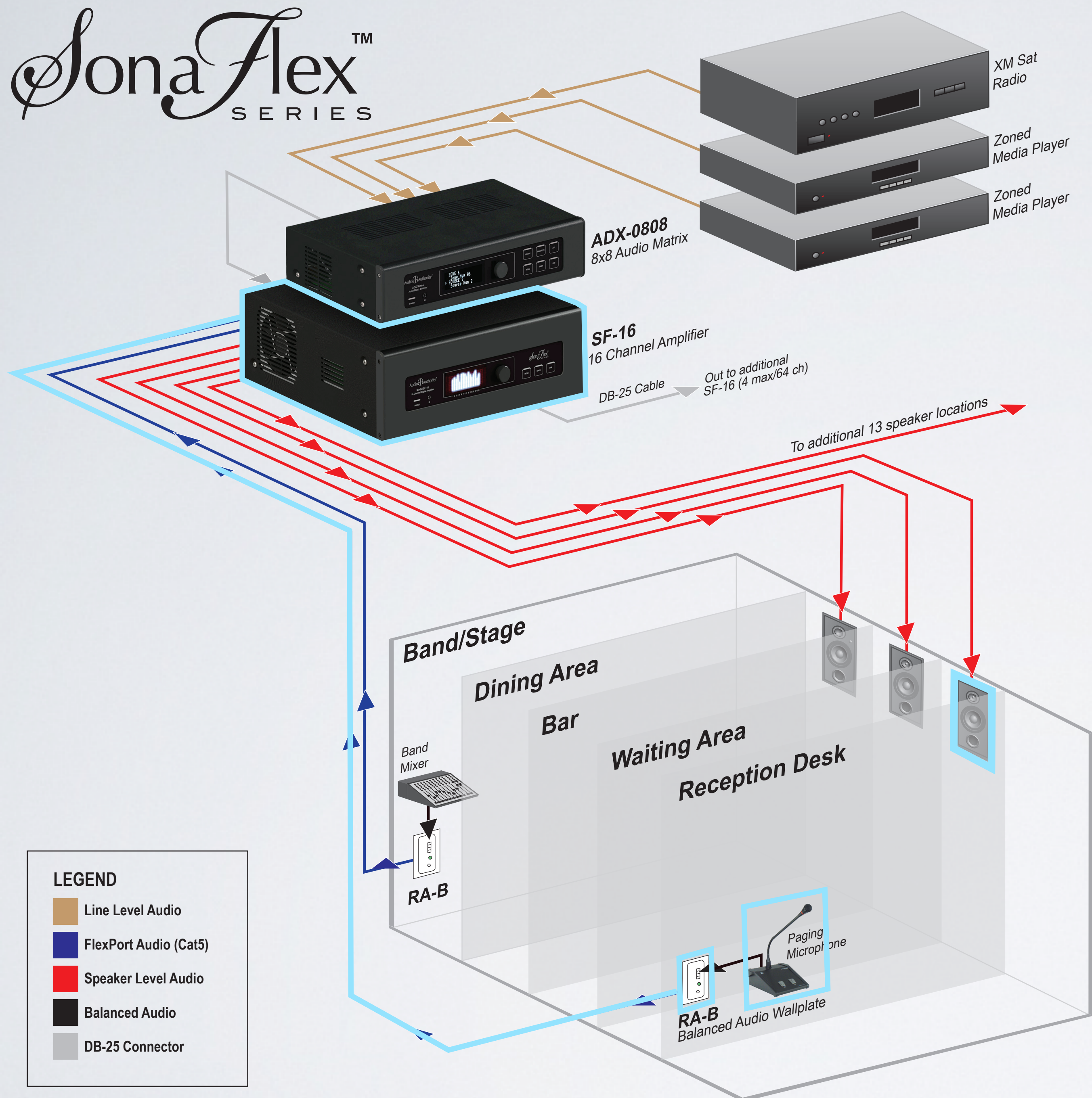
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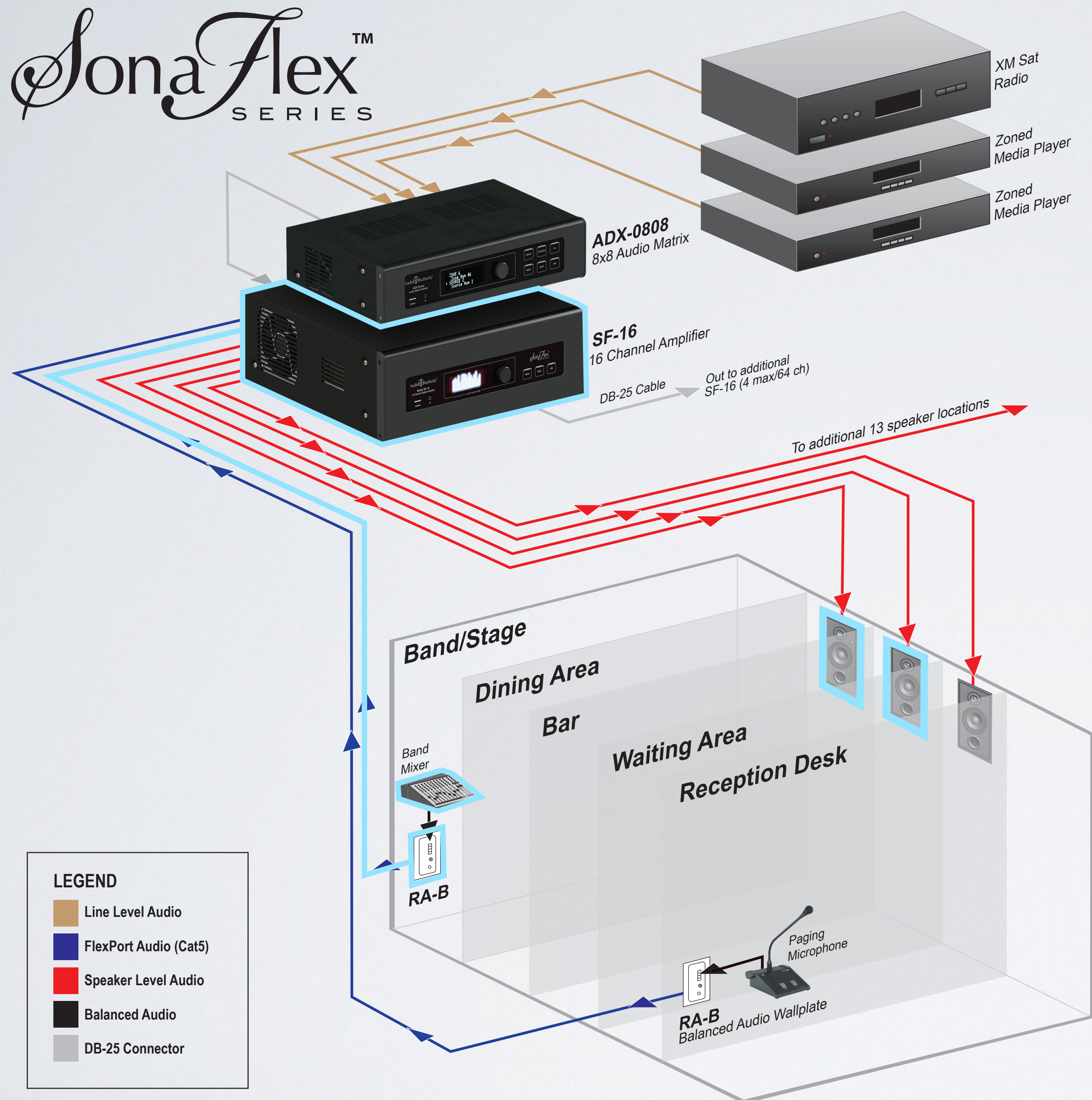
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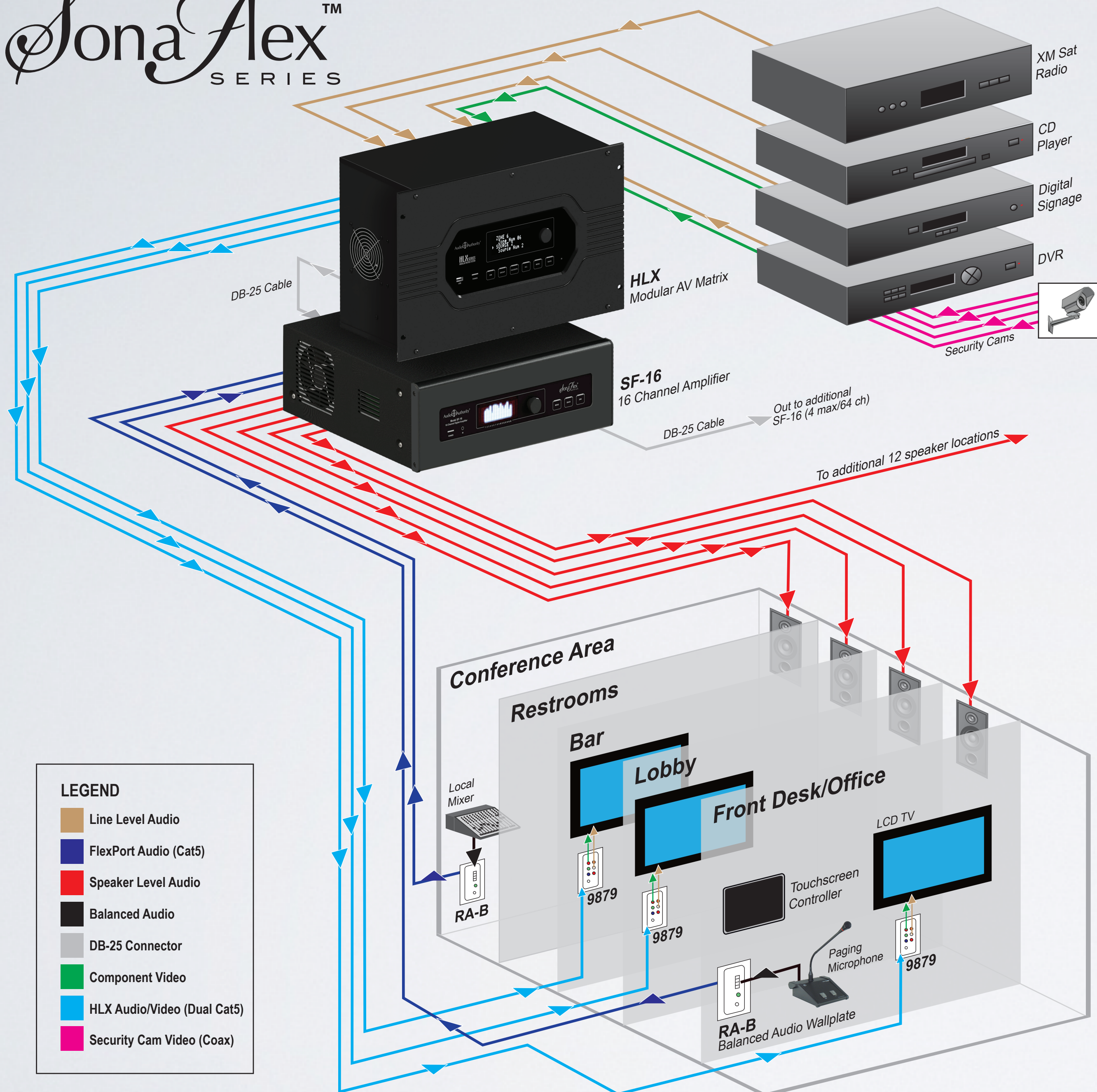
- ADX routes 3 audio sources to multiple areas
- SF-16 Amplifier delivers 60W per channel to speakers throughout the facility
- Paging announcements are issued from the reception desk to the waiting area only using a push-to-talk mic connected to a RA-B wallplate and the SF-16 amplifier



RESTAURANT/BAR APPLICATION

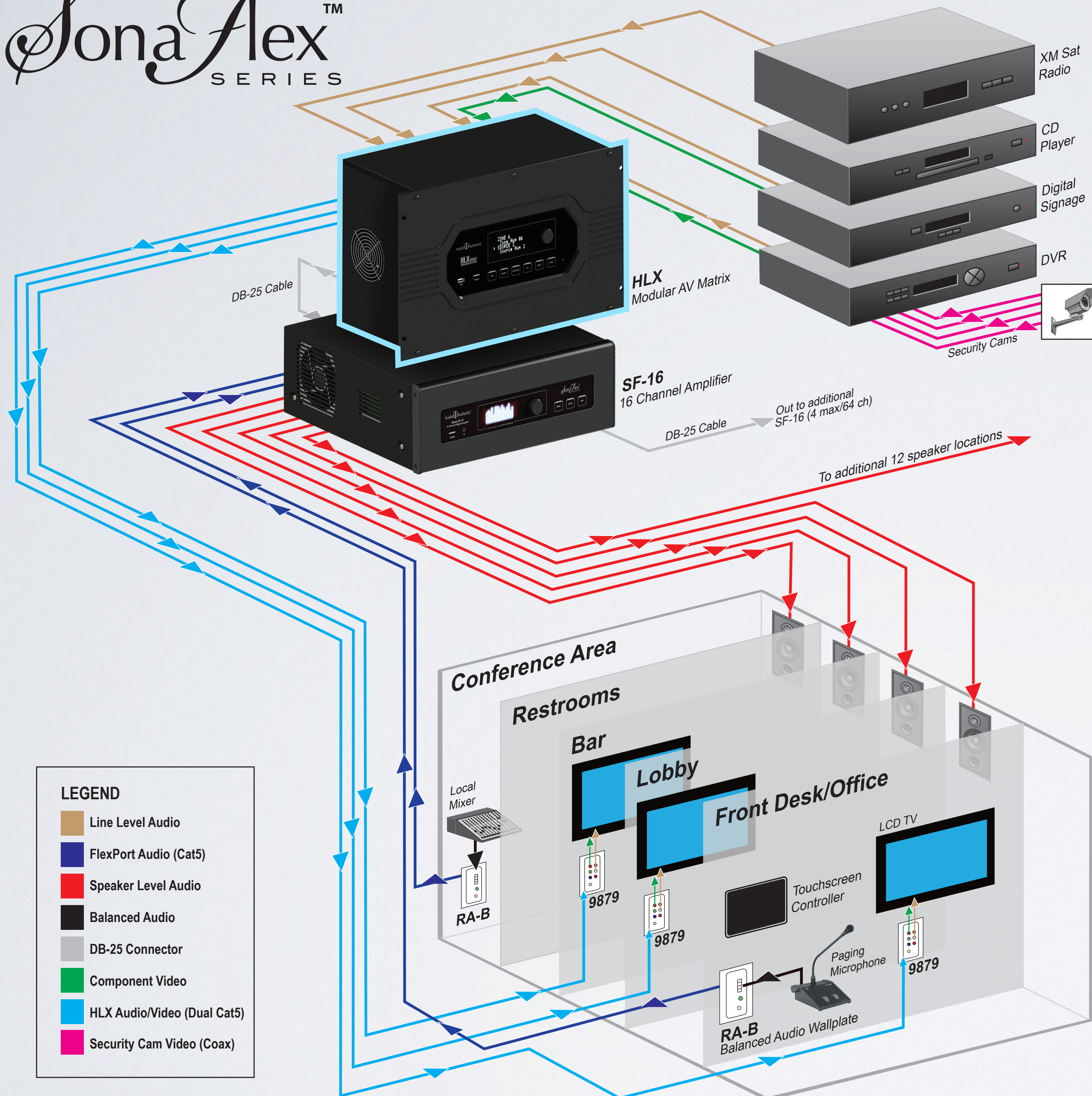
SF-16/ADX Distributed Audio

- ADX routes 3 audio sources to multiple areas
- SF-16 Amplifier delivers 60W per channel to speakers throughout the facility
- Paging announcements are issued from the reception desk to the waiting area only using a push-to-talk mic connected to a RA-B wallplate and the SF-16 amplifier
- Stage/Band mixer overrides audio in the dining area and bar using a RA-B wallplate connected to the SF-16 amplifier



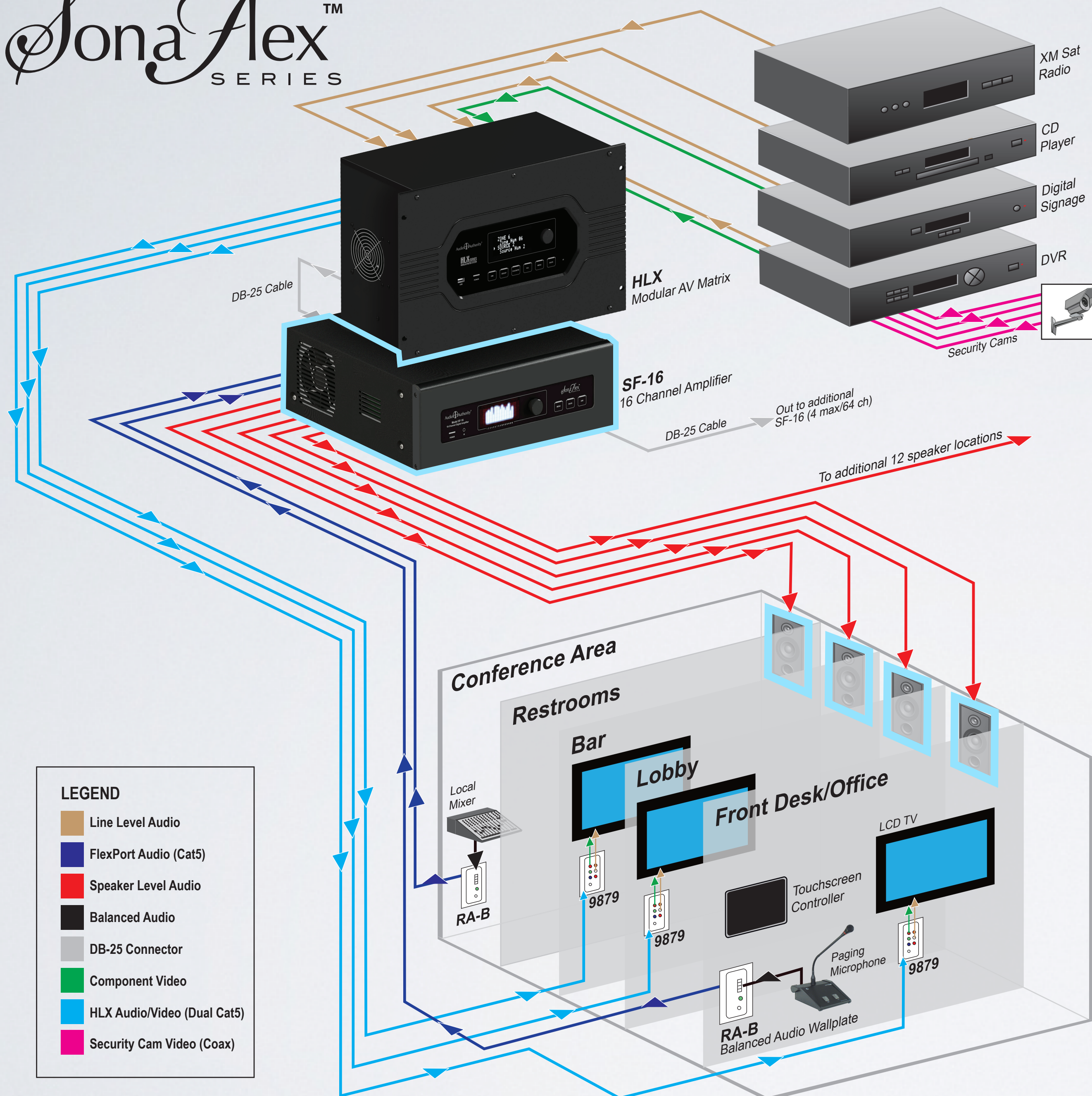
SF-16/HLX Distributed Audio/Video

- HLX routes 4 audio/video sources to multiple areas



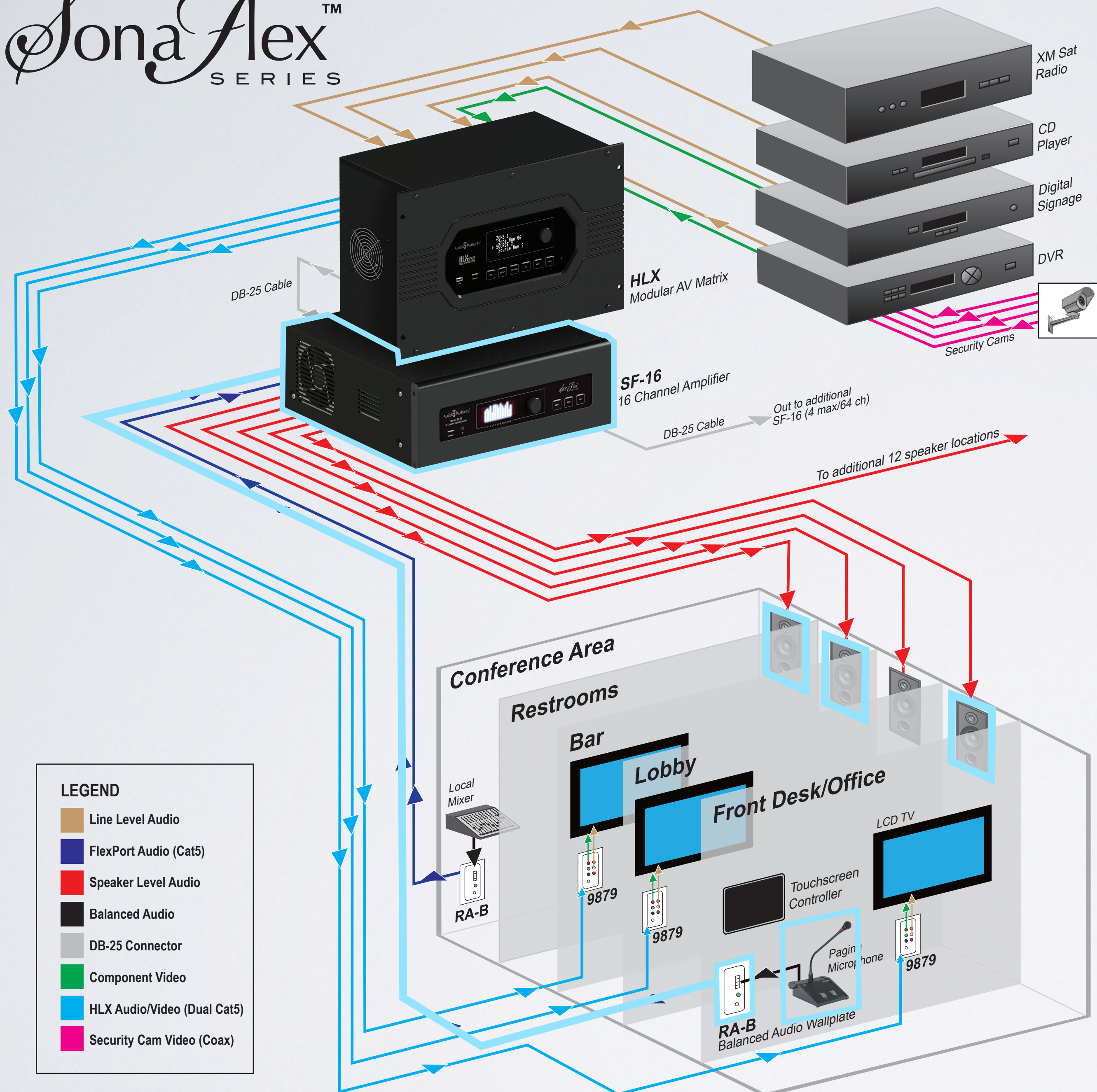
SF-I 6/HLX Distributed Audio/Video

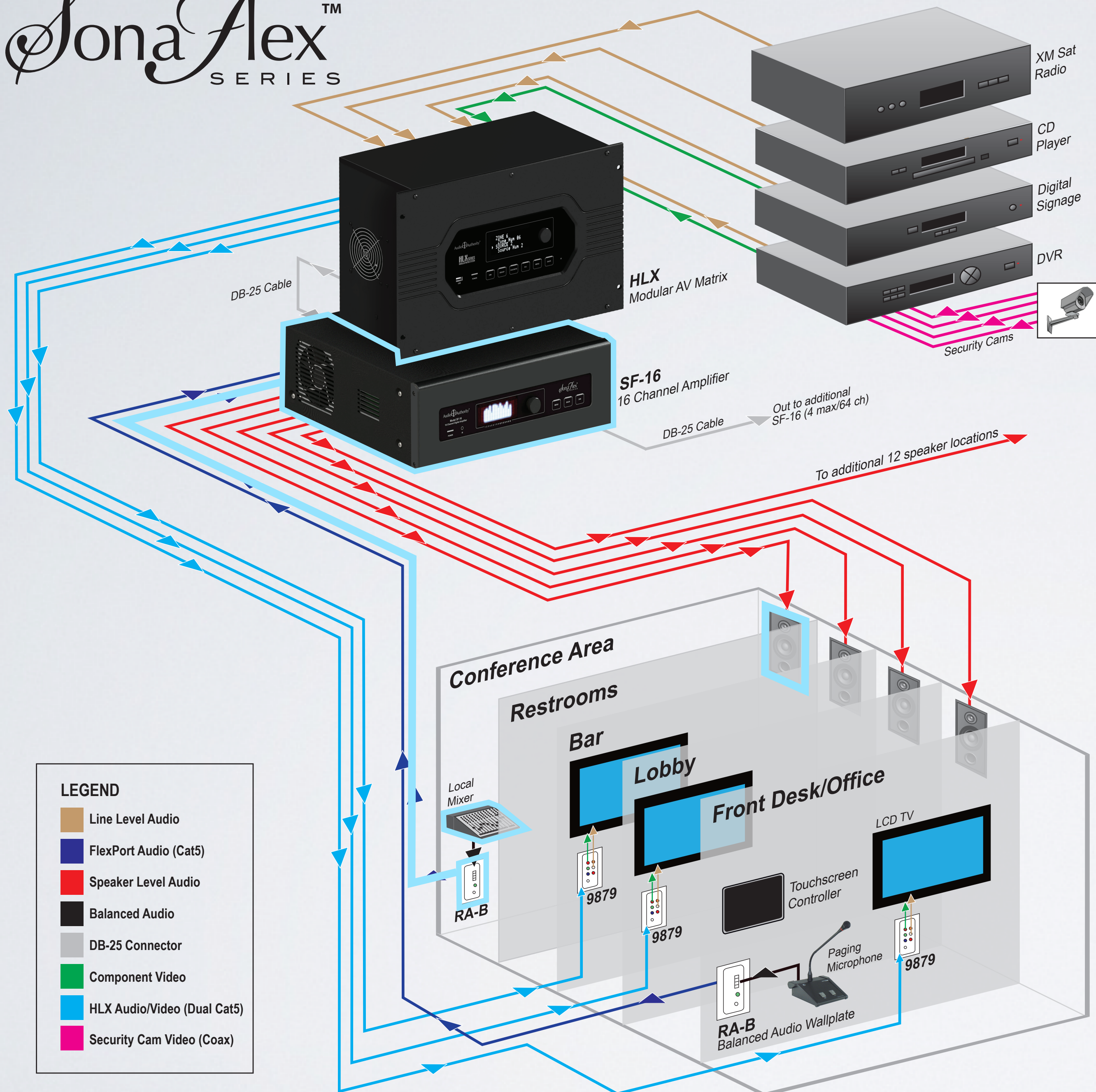
- HLX routes 4 audio/video sources to multiple areas
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SF-16/HLX Distributed Audio/Video

- HLX routes 4 audio/video sources to multiple areas
- SF-16 Amplifier delivers 60W per channel to speakers throughout the facility
- Paging announcements are issued from the front desk to the lobby, restrooms and conference area using a push-to-talk mic connected to a RA-B wallplate and the SF-16 amplifier





HOTEL APPLICATION

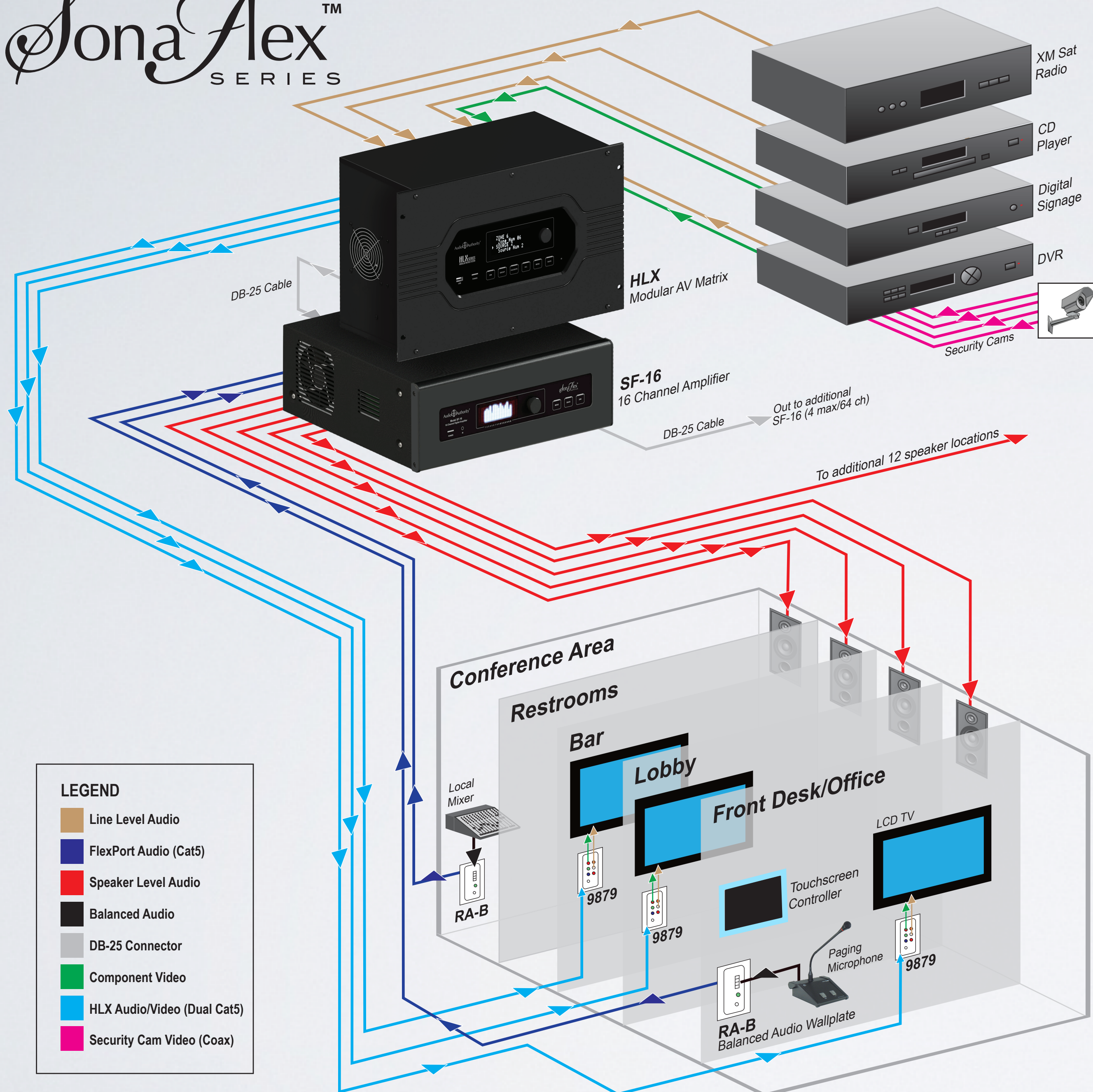
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- Paging announcements are issued from the front desk to the lobby, restrooms and conference area using a push-to-talk mic connected to a RA-B wallplate and the SF-16 amplifier
- Conference area mixer overrides distributed audio speakers in the conference room using a RA-B wallplate connected to the SF-16 amplifier

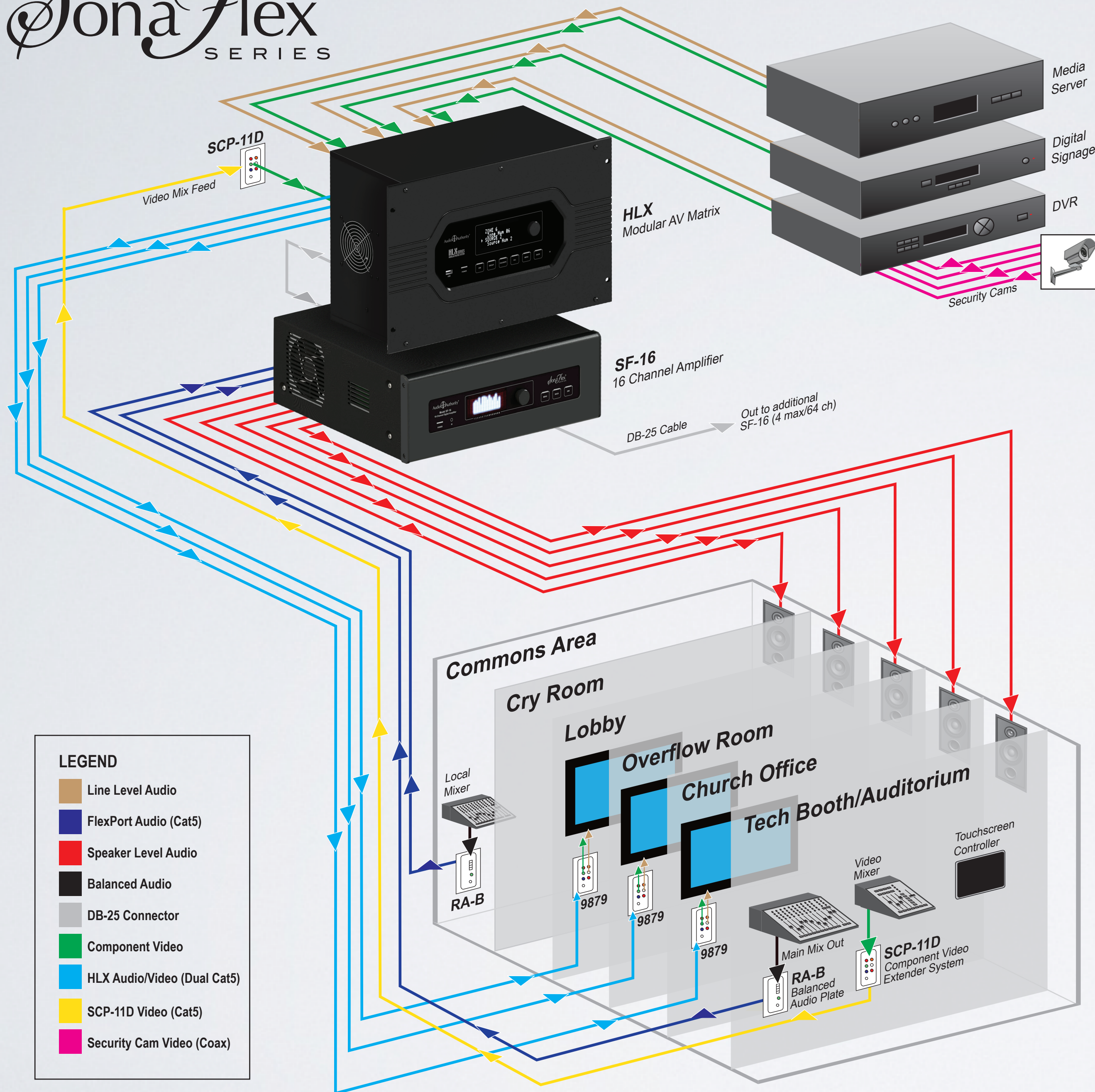
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- Conference area mixer overrides distributed audio speakers in the conference room using a RA-B wallplate connected to the SF-16 amplifier
- 3rd party touchscreen controls all switching, audio override and AV sources

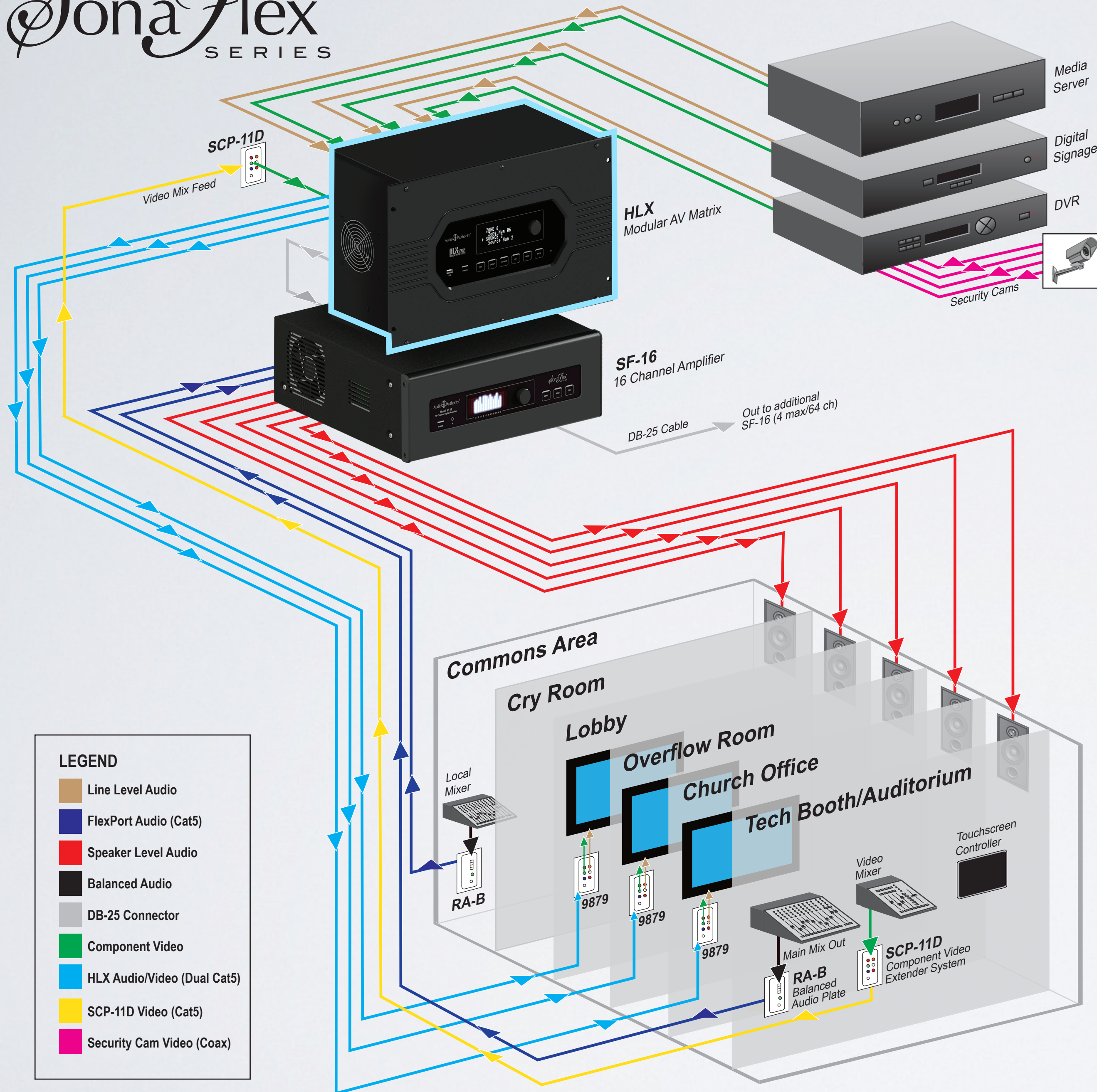


SF-16/HLX Distributed Audio/Video



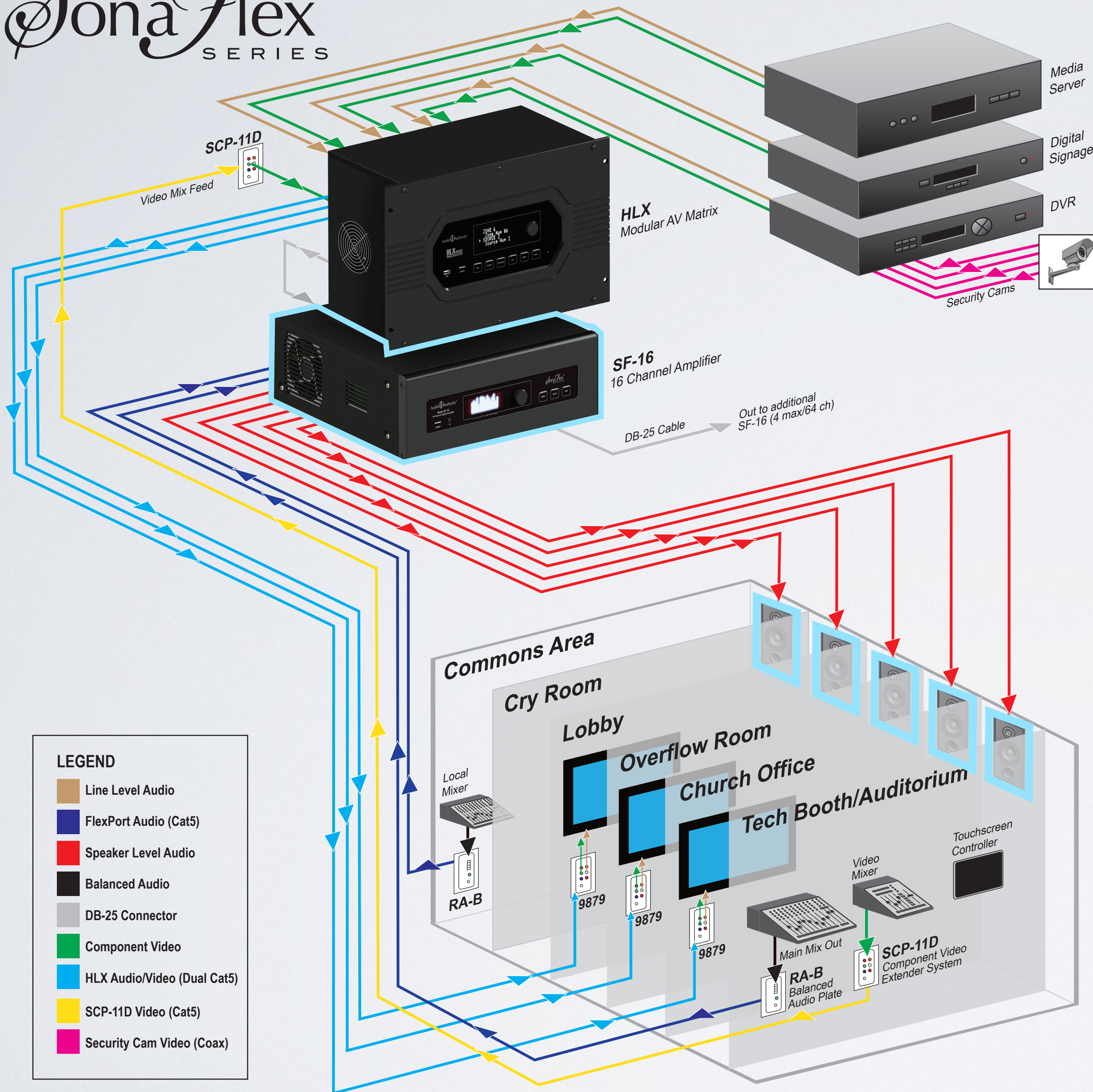
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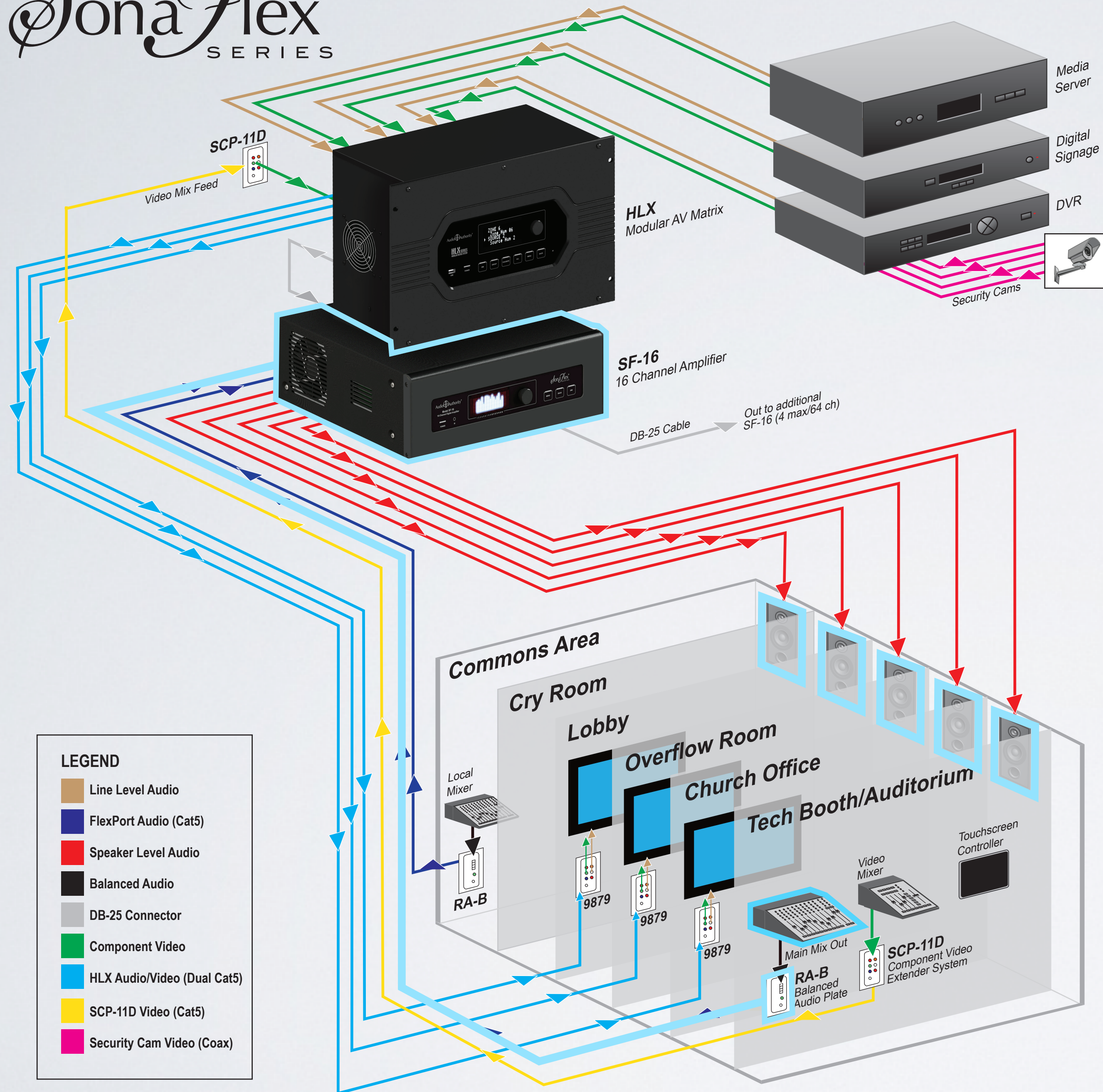
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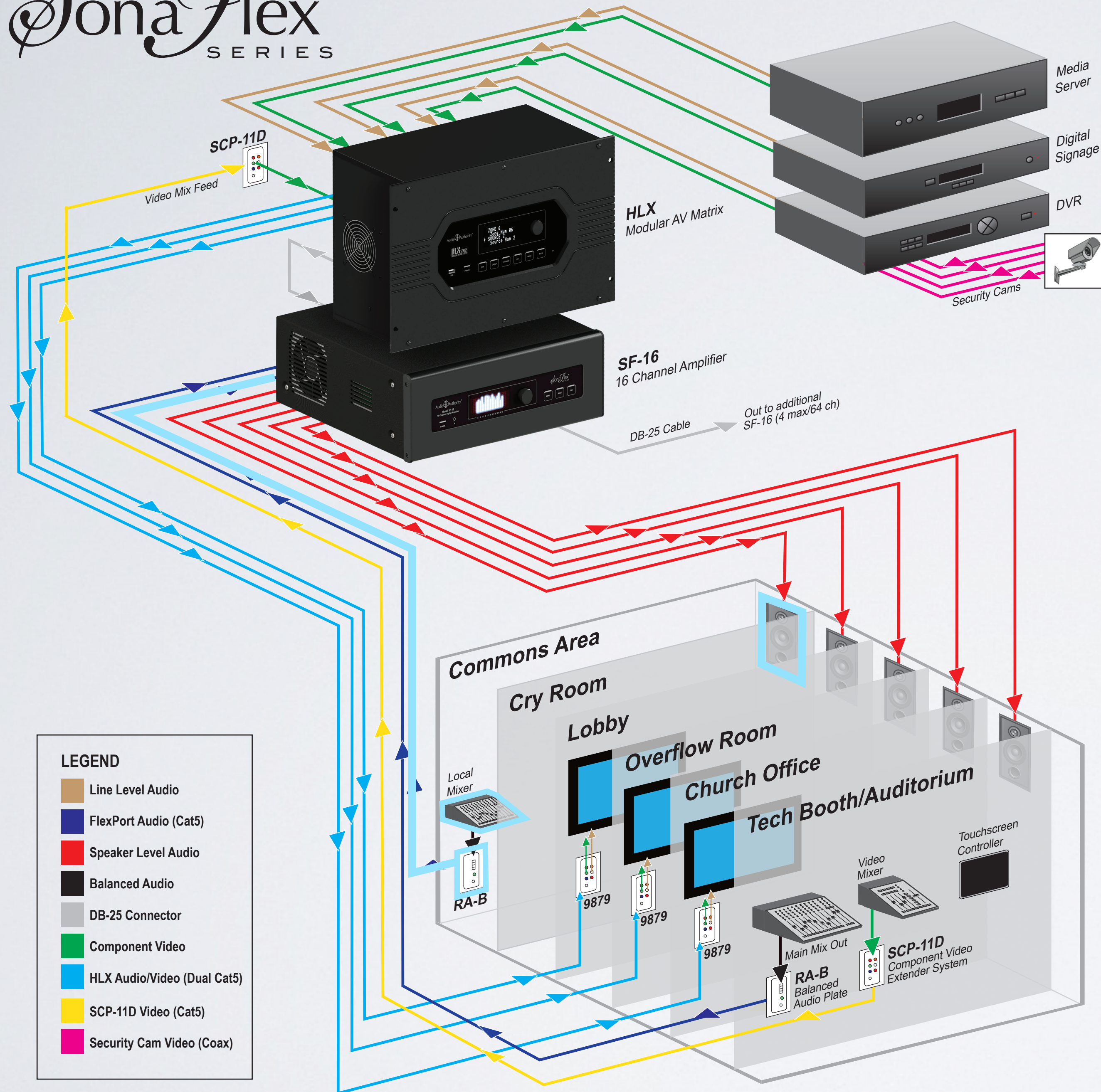




HOUSE OF WORSHIP APPLICATION

SF-16/HLX Distributed Audio/Video

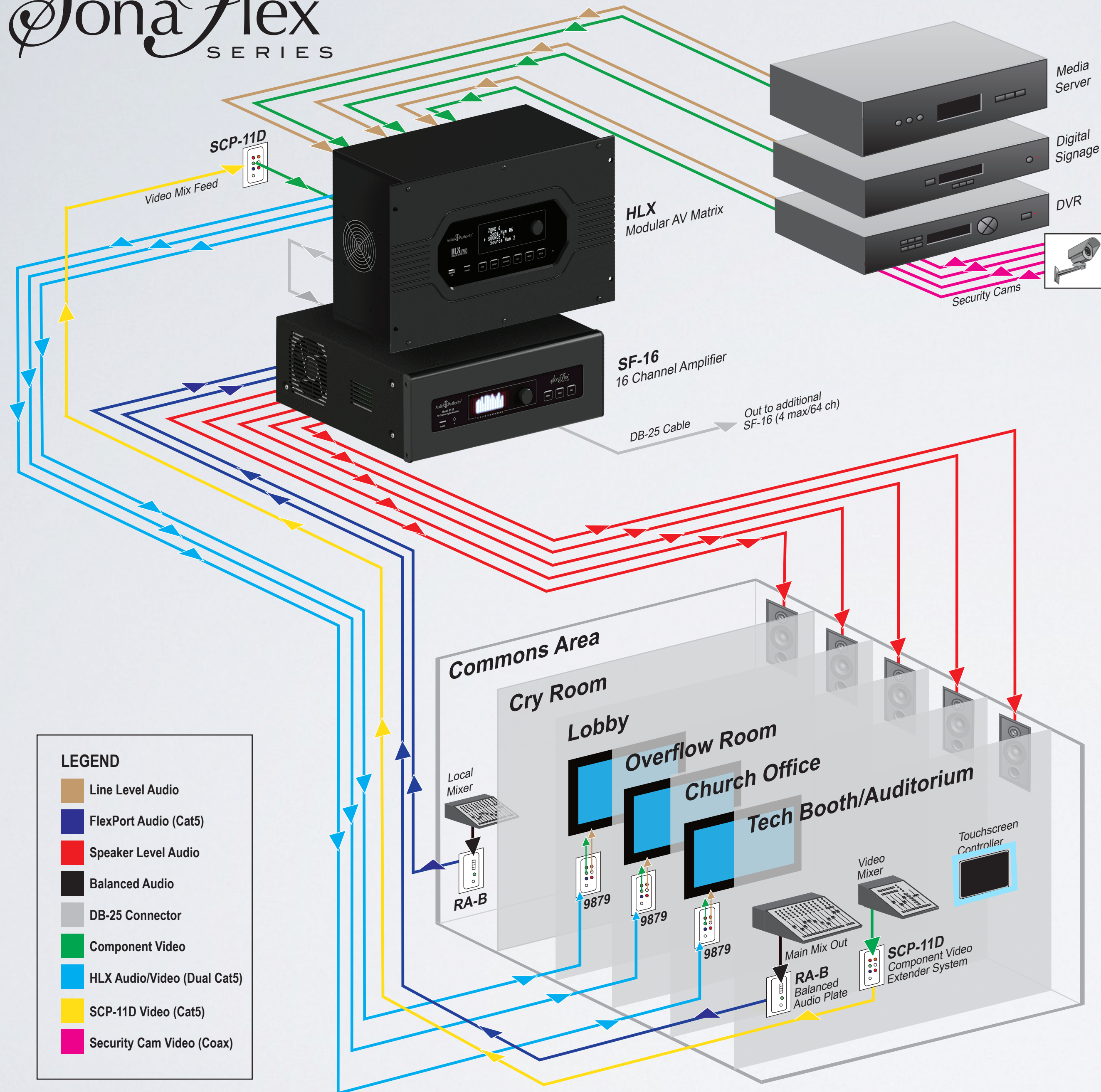
- HLX routes 3 audio/video sources to multiple areas
- SF-16 Amplifier delivers 60W per channel to speakers throughout the facility
- Distributed audio speakers switch over to the auditorium audio mixer feed prior to the service. Audio from the mixer is routed to the system via a RA-B wallplate



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- A local mixer in the commons area overrides the distributed audio or auditorium feed using a local RA-B wallplate connected to the SF-16 amplifier

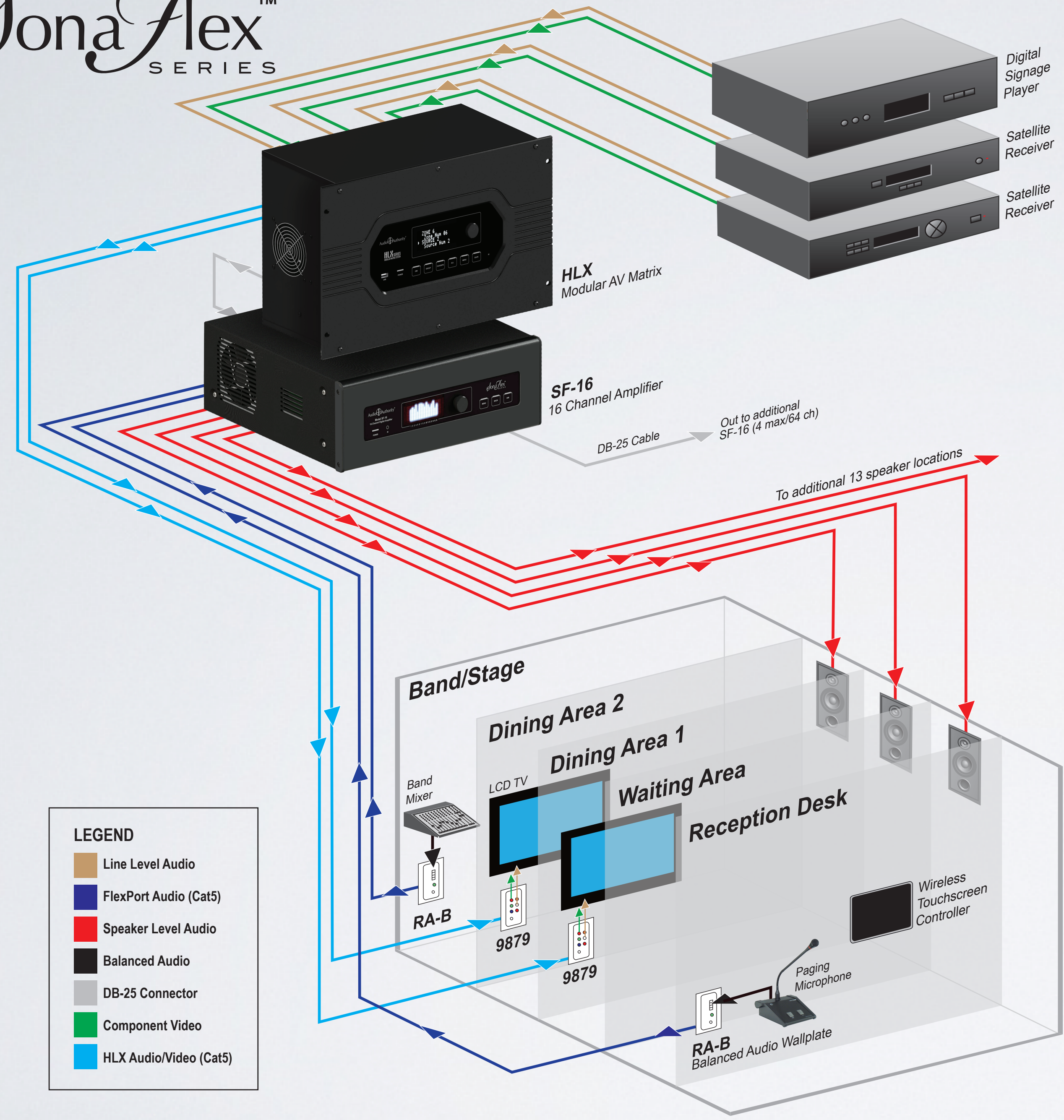


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- 3rd party touchscreen controls all switching, audio override and AV sources

SF-I 6/HLX Distributed Audio Video



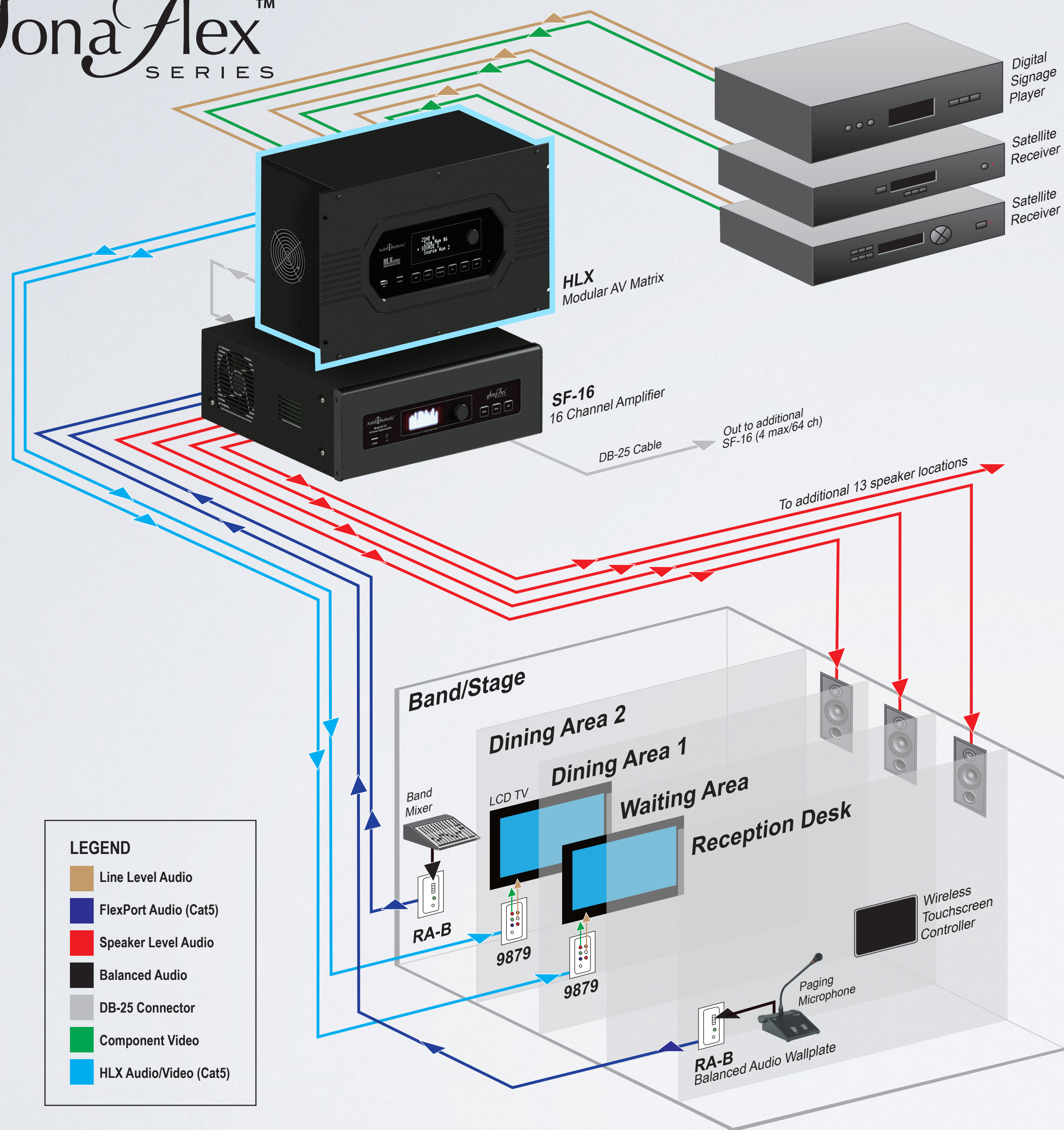
LEGEND

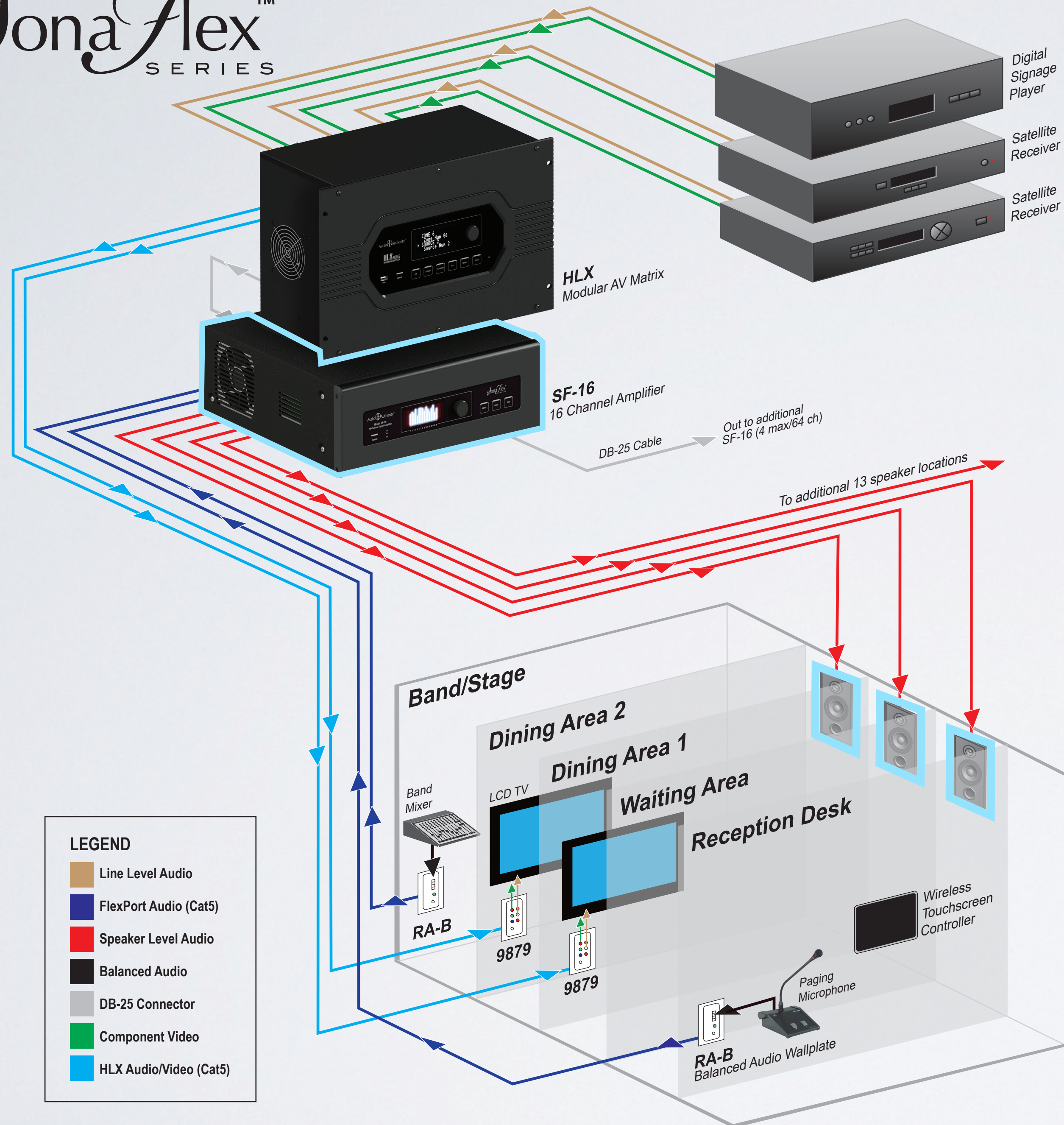
- Line Level Audio
- FlexPort Audio (Cat5)
- Speaker Level Audio
- Balanced Audio
- DB-25 Connector
- Component Video
- HLX Audio/Video (Cat5)

RESTAURANT/BAR APPLICATION

SF-I 6/HLX Distributed Audio Video

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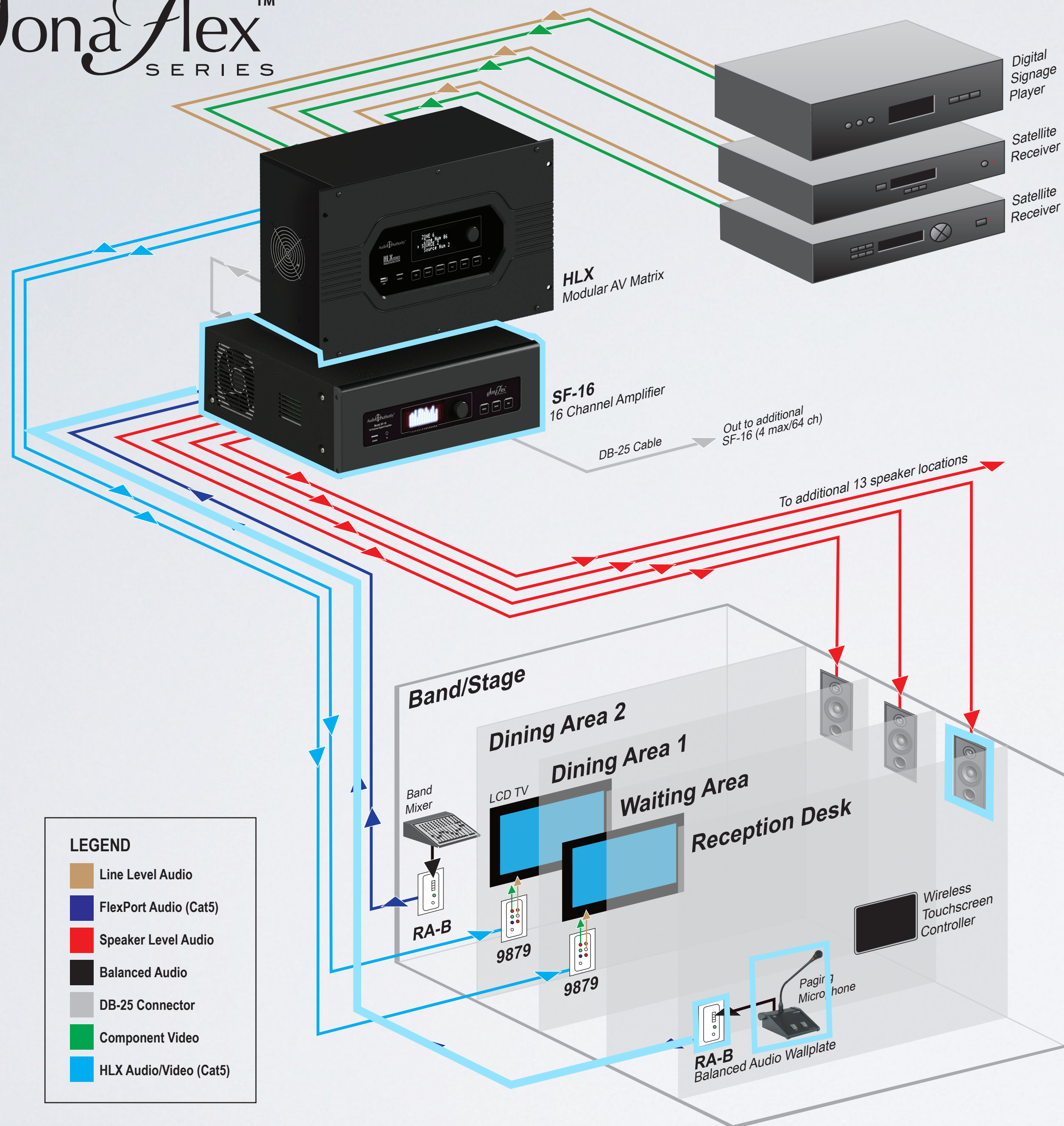




RESTAURANT/BAR APPLICATION

SF-I 6/HLX Distributed Audio Video

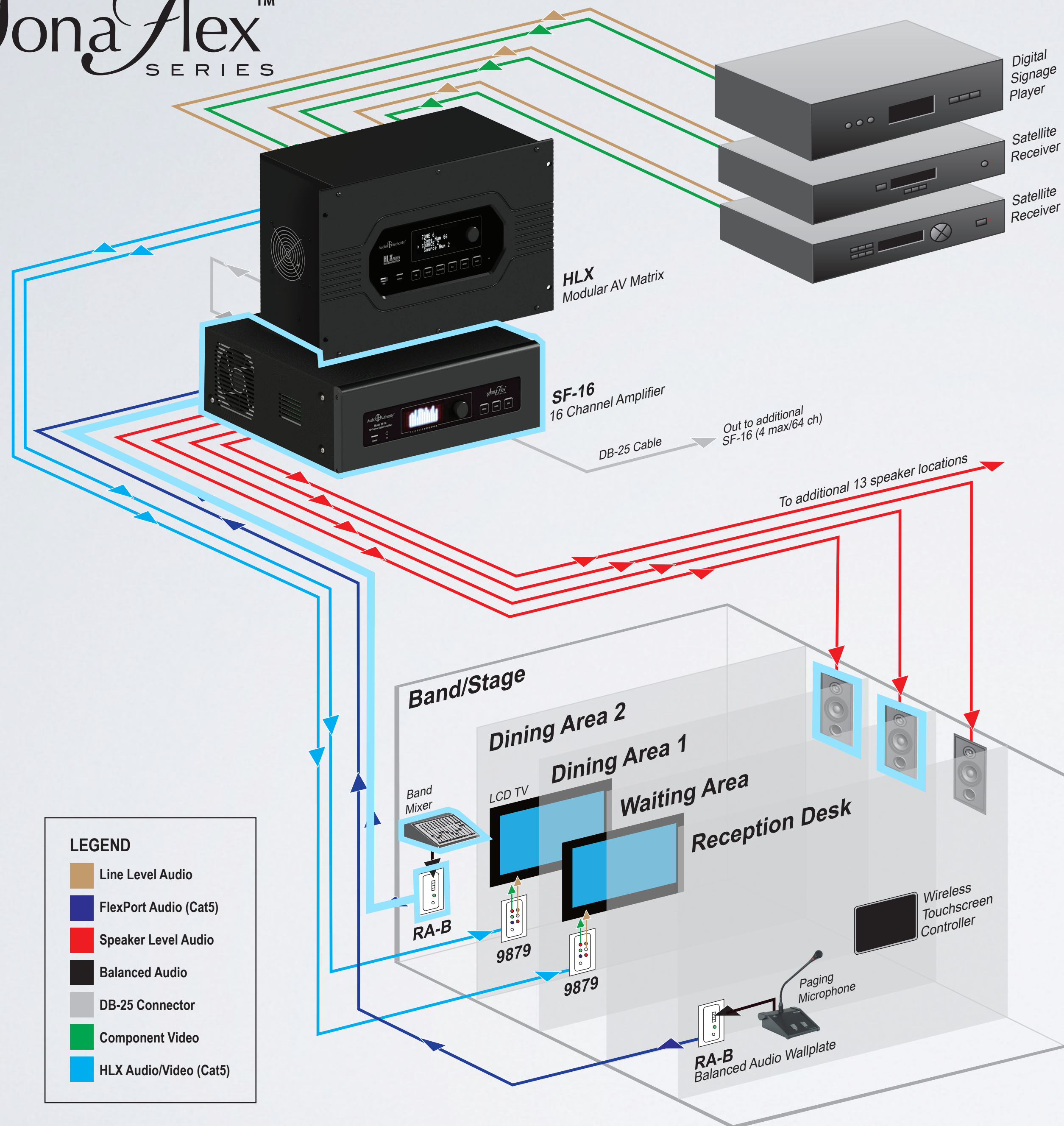
- HLX routes 3 audio/video sources to multiple areas
- SF-I 6 Amplifier delivers 60W per channel to speakers throughout the facility



RESTAURANT/BAR APPLICATION

SF-I 6/HLX Distributed Audio Video

- HLX routes 3 audio/video sources to multiple areas
- SF-I 6 Amplifier delivers 60W per channel to speakers throughout the facility
- Paging announcements are issued from the reception desk to the waiting area only using a push-to-talk mic connected to a RA-B wallplate and the SF-I 6 amplifier



RESTAURANT/BAR APPLICATION

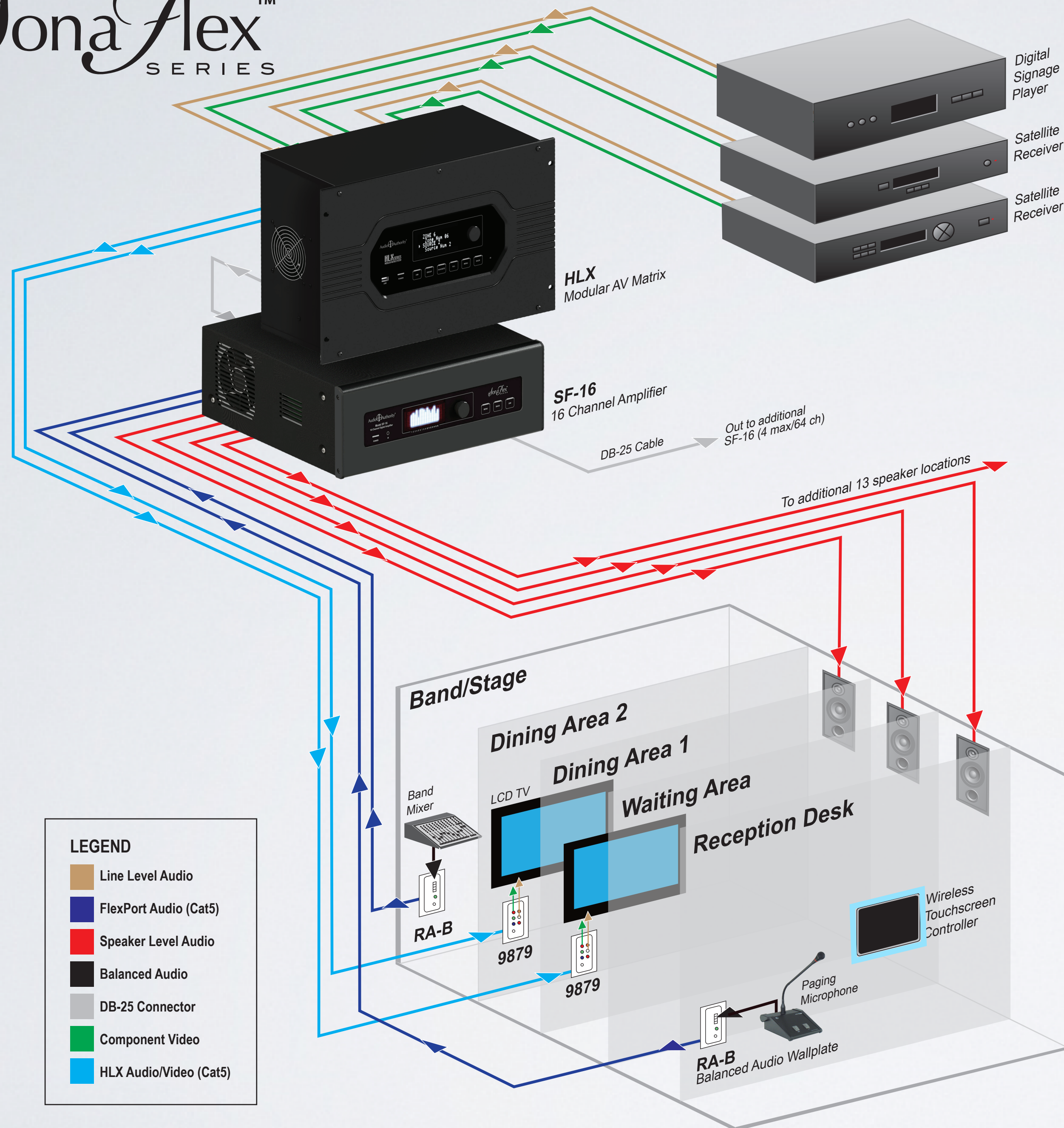
SF-I 6/HLX Distributed Audio Video

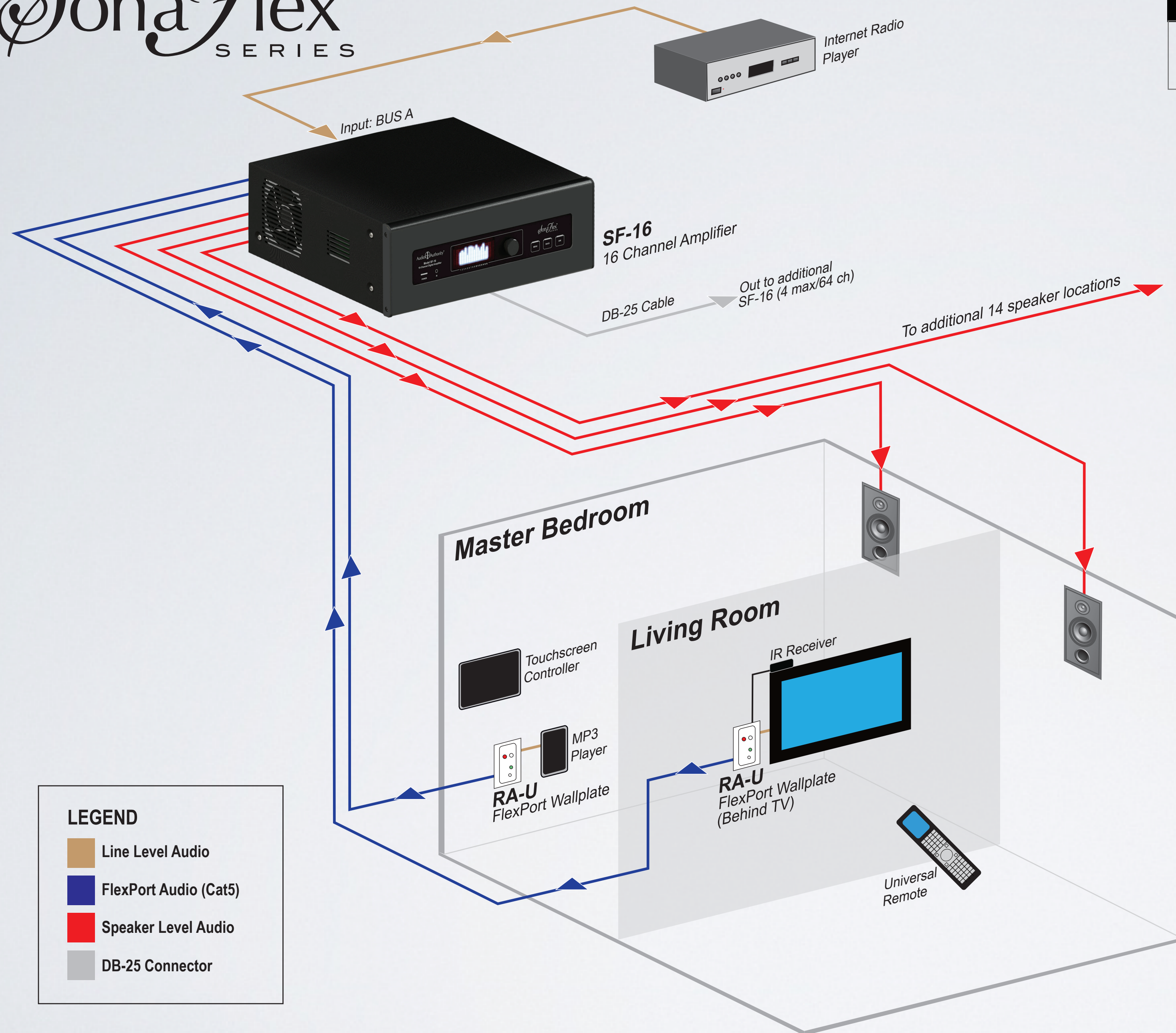
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- Stage/Band mixer overrides audio in the dining areas using a RA-B wallplate connected to the SF-I 6 amplifier

RESTAURANT/BAR APPLICATION

SF-16/HLX Distributed Audio Video

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- Stage/Band mixer overrides audio in the dining areas using a RA-B wallplate connected to the SF-16 amplifier
- 3rd party touchscreen controls all switching and audio sources



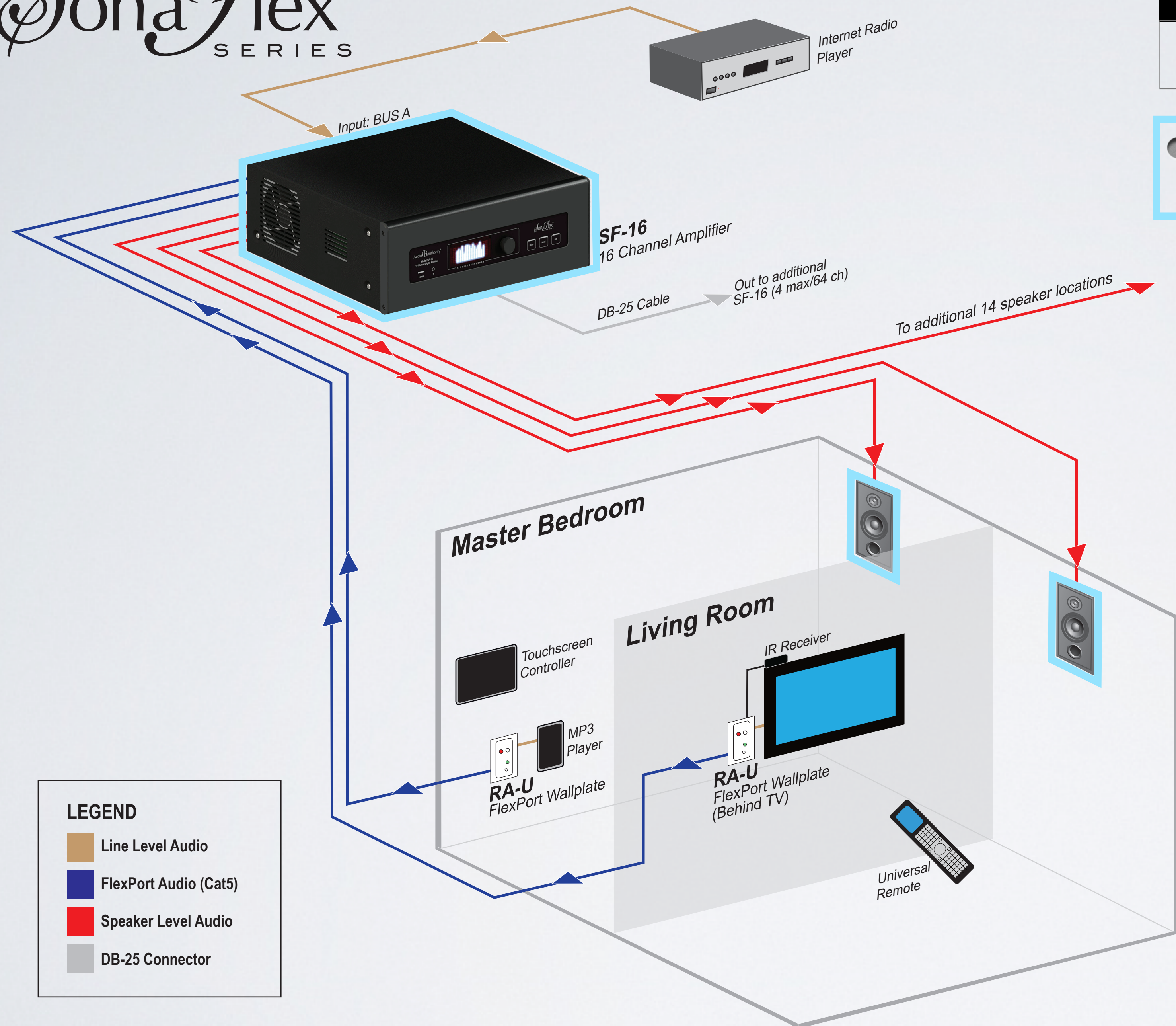


LEGEND

- Line Level Audio
- FlexPort Audio (Cat5)
- Speaker Level Audio
- DB-25 Connector

SF-16 Basic Whole-House Audio

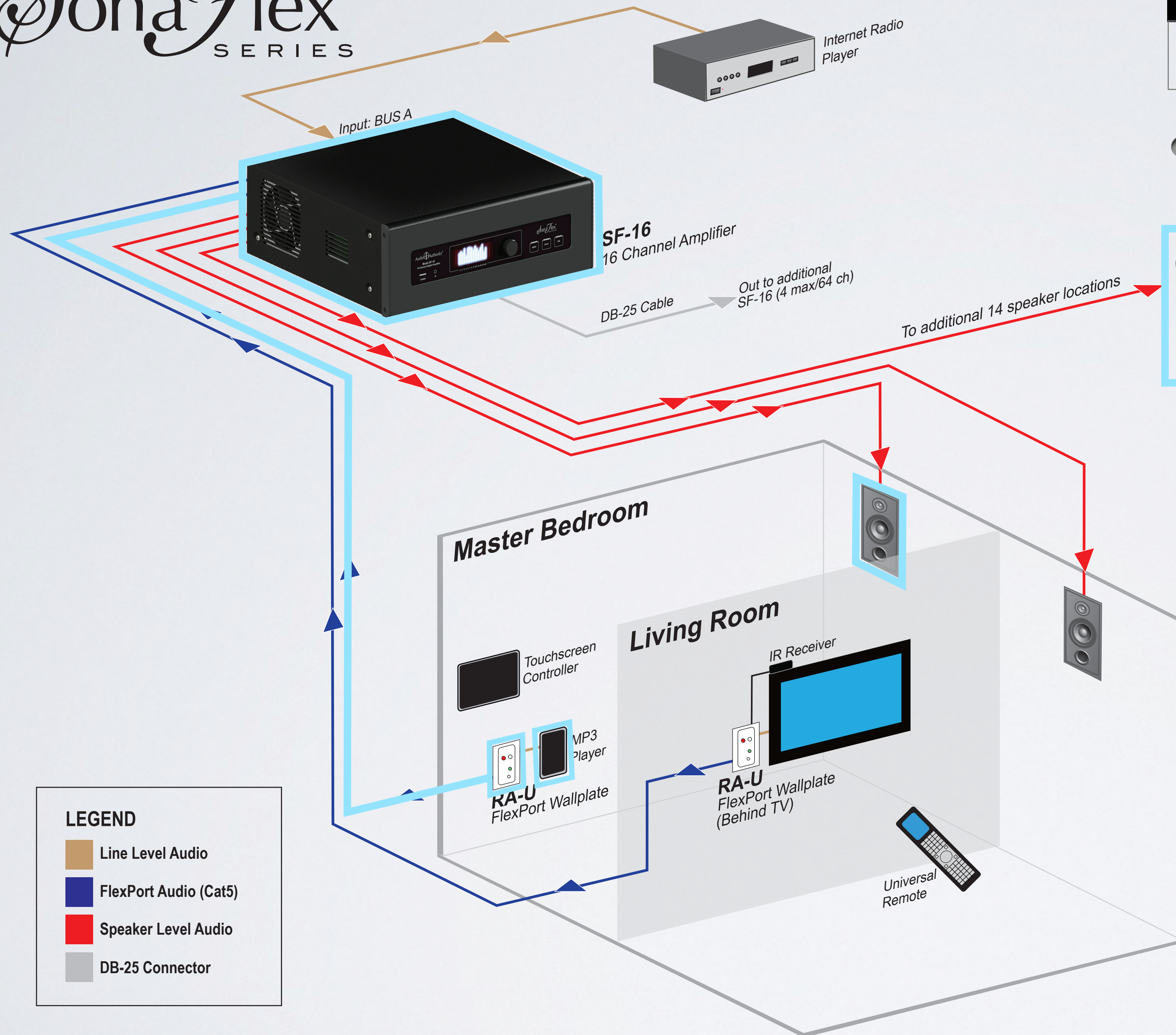
- SF-16 distributes a centralized internet radio player to all speaker locations at 60W per channel



LEGEND

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SF-16 Basic Whole-House Audio

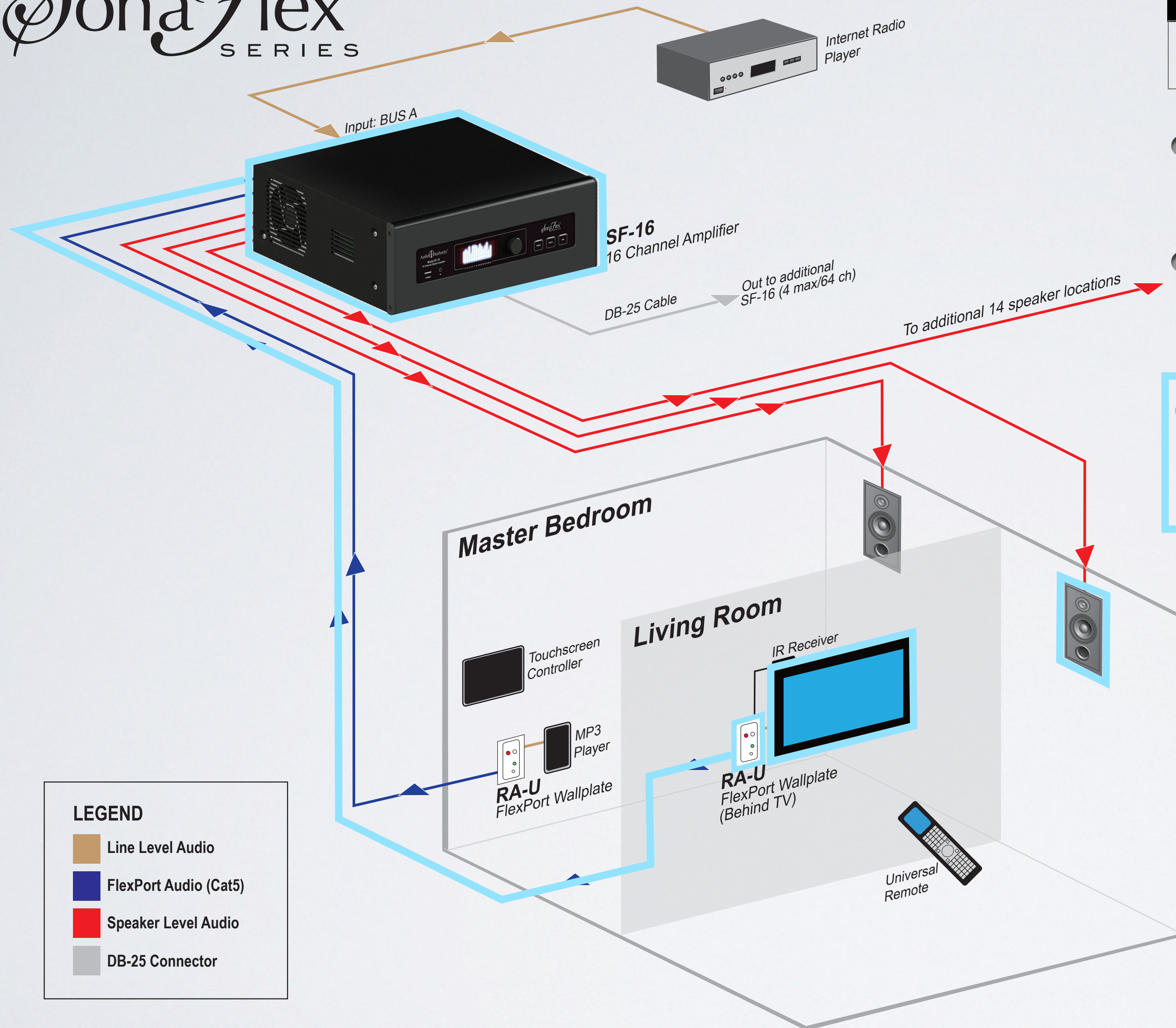


- SF-16 distributes a centralized internet radio player to all speaker locations at 60W per channel
- A local mp3 player in the master bedroom overrides the whole-house audio feed by using a RA-U wallplate connected to the SF-16

LEGEND

- Line Level Audio
- FlexPort Audio (Cat5)
- Speaker Level Audio
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SF-16 Basic Whole-House Audio

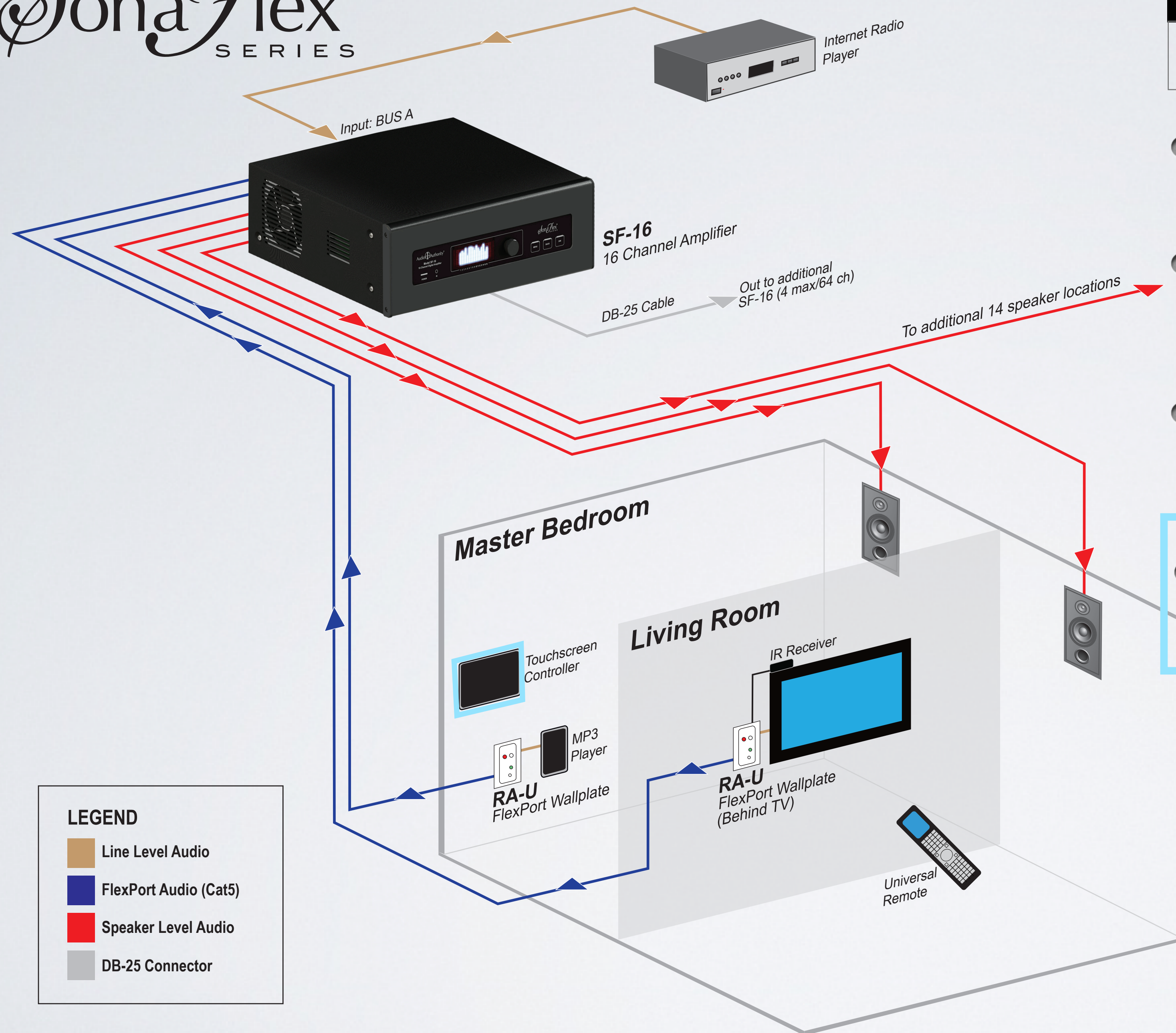


- SF-16 distributes a centralized internet radio player to all speaker locations at 60W per channel
- A local mp3 player in the master bedroom overrides the whole-house audio feed by using a RA-U wallplate connected to the SF-16
- In the living room a RA-U wallplate located behind the TV overrides whole-house audio in the room, playing the TV audio through the room speakers

LEGEND

- Line Level Audio
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- Speaker Level Audio
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SF-16 Basic Whole-House Audio

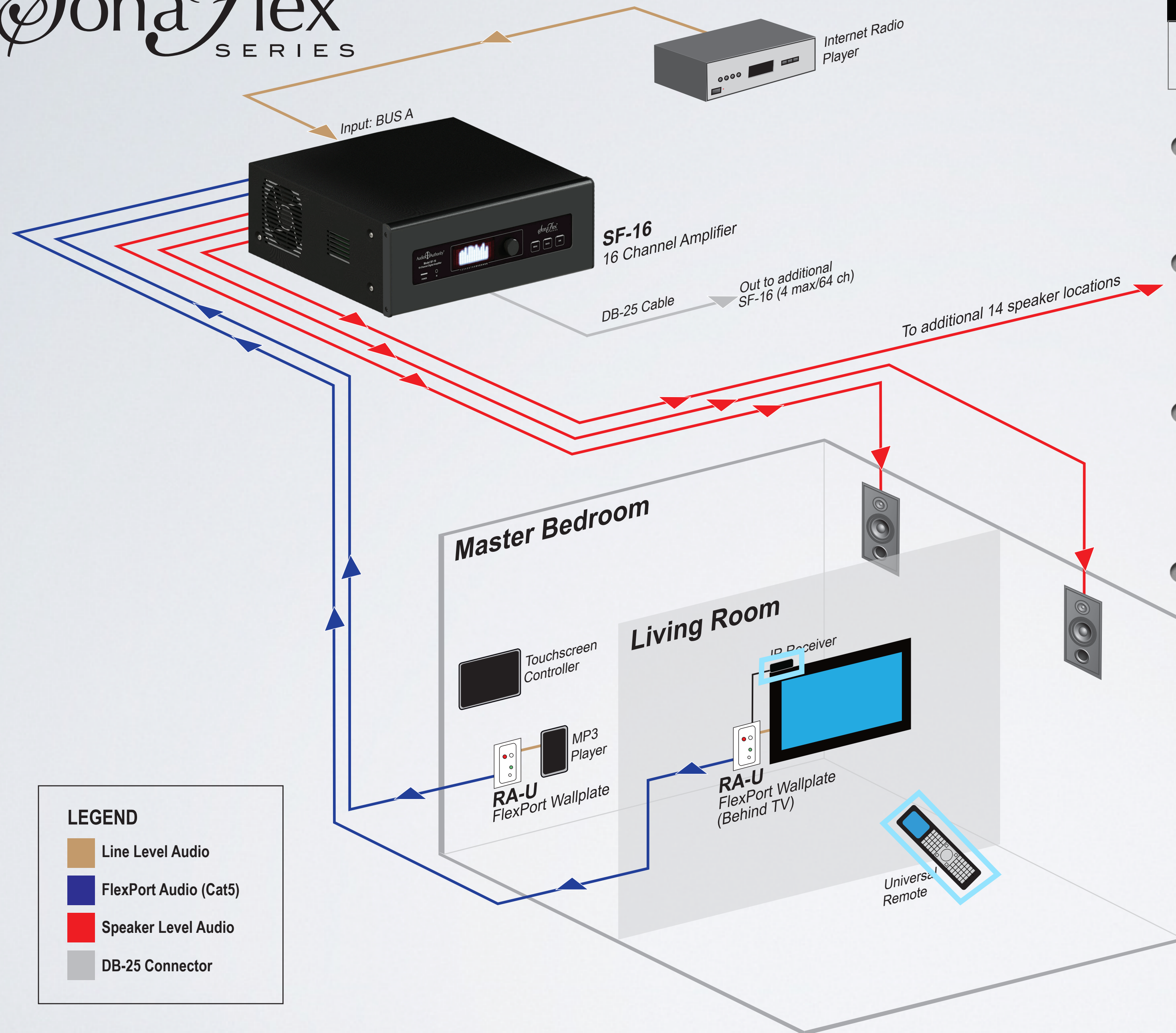


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- In the living room a RA-U wallplate located behind the TV overrides whole-house audio in the room, playing the TV audio through the room speakers
- 3rd party touchscreen in the master bedroom controls all switching and local source override

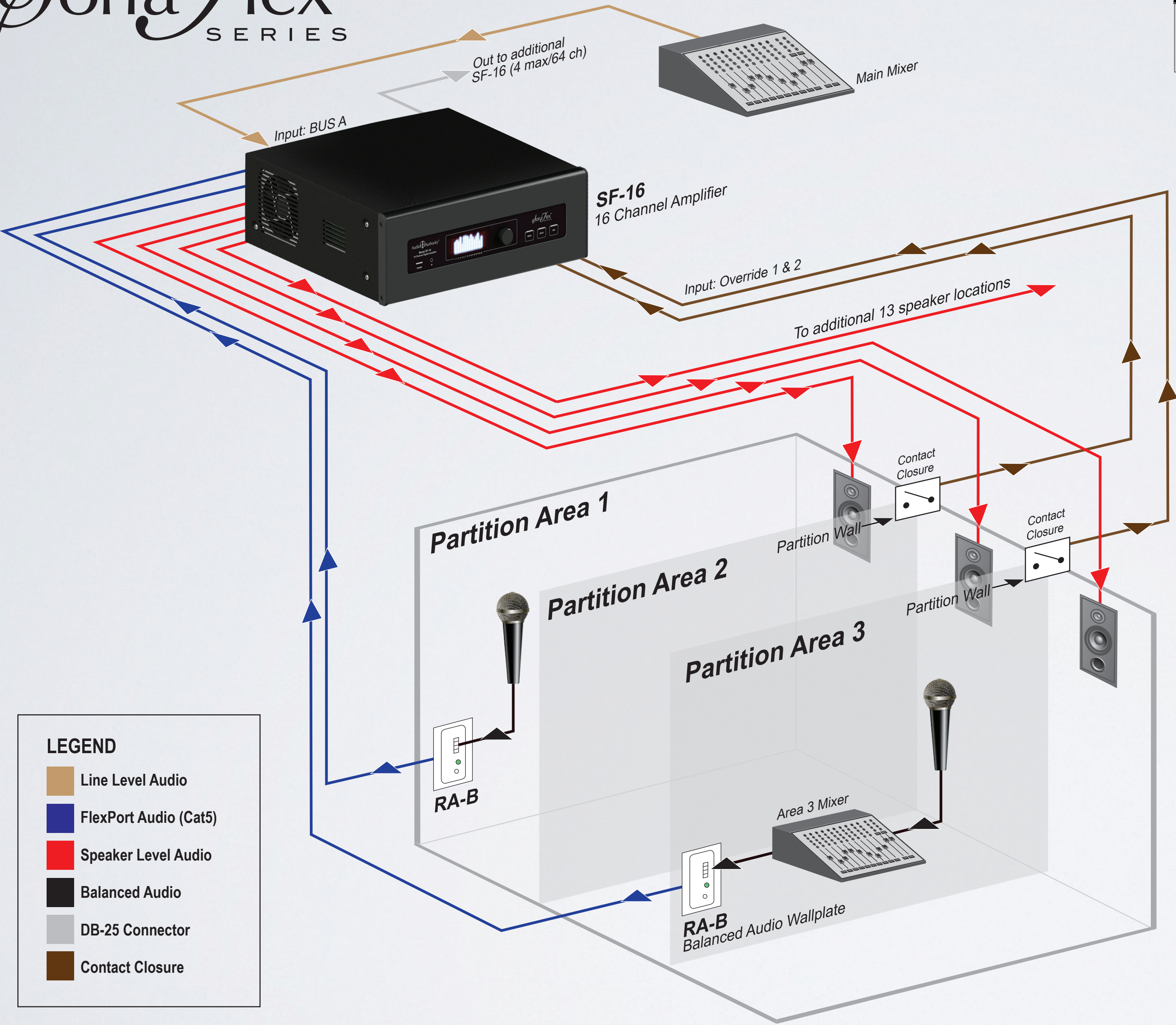
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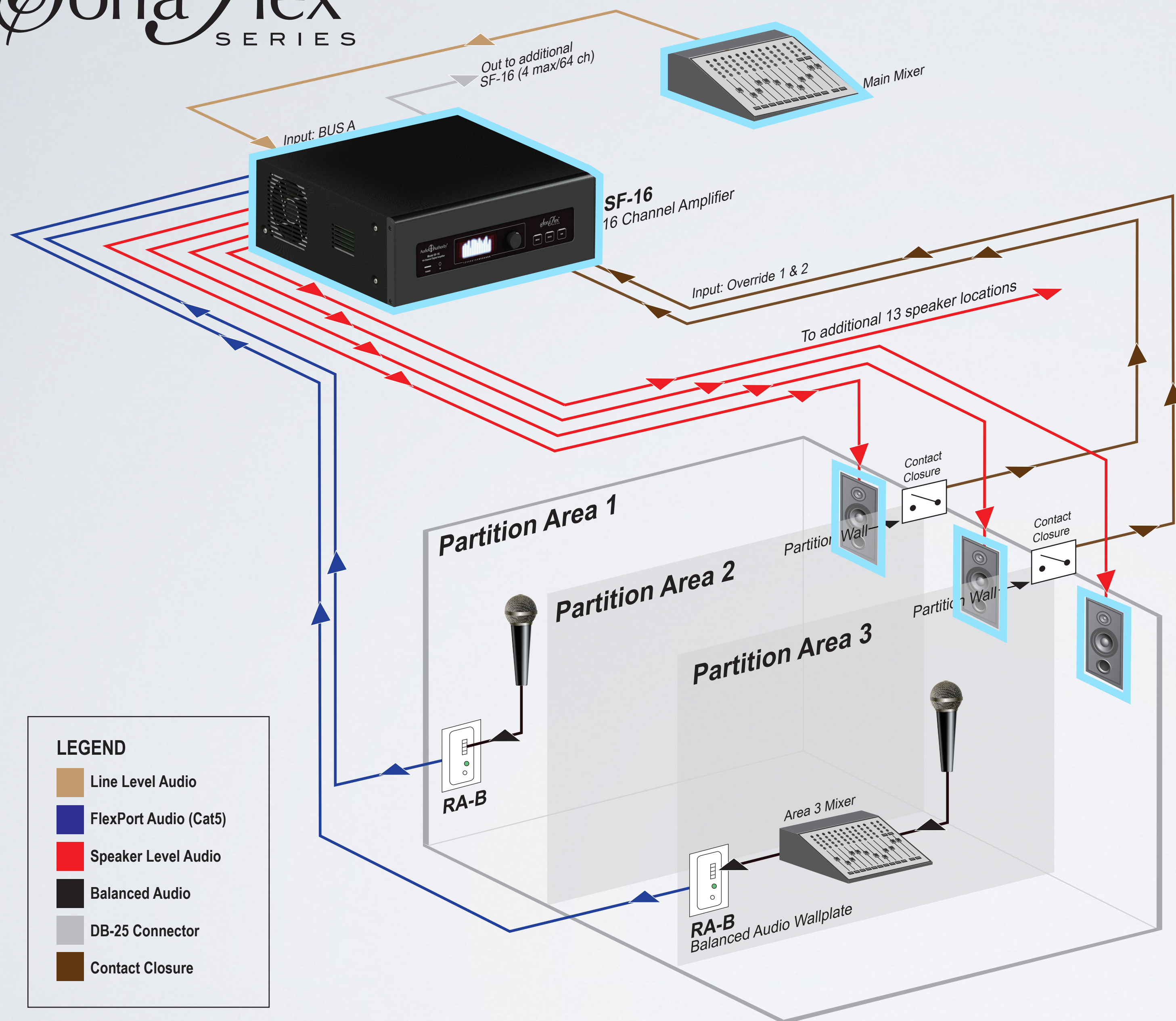


- SF-16 distributes a centralized internet radio player to all speaker locations at 60W per channel
- A local mp3 player in the master bedroom overrides the whole-house audio feed by using a RA-U wallplate connected to the SF-16
- In the living room a RA-U wallplate located behind the TV overrides whole-house audio in the room, playing the TV audio through the room speakers
- 3rd party touchscreen in the master bedroom controls all switching and local source override
- 3rd party universal remote in the living room sends override IR command to the SF-16, switching the audio over to the TV

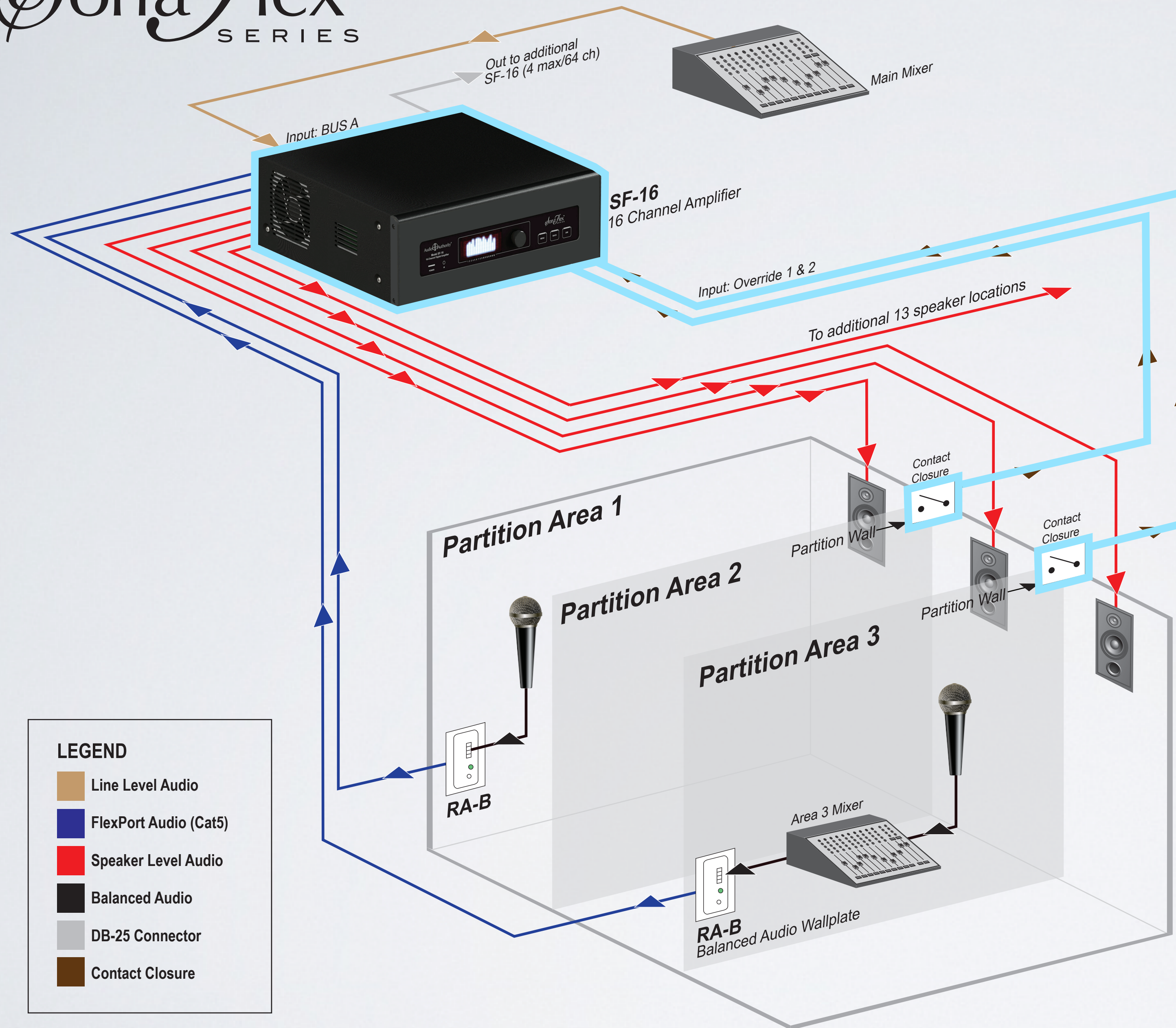


SF-16 Room Combining System

- SF-16 distributes audio from the main conference room mixer to all speaker locations at 60W per channel



SF-16 Room Combining System

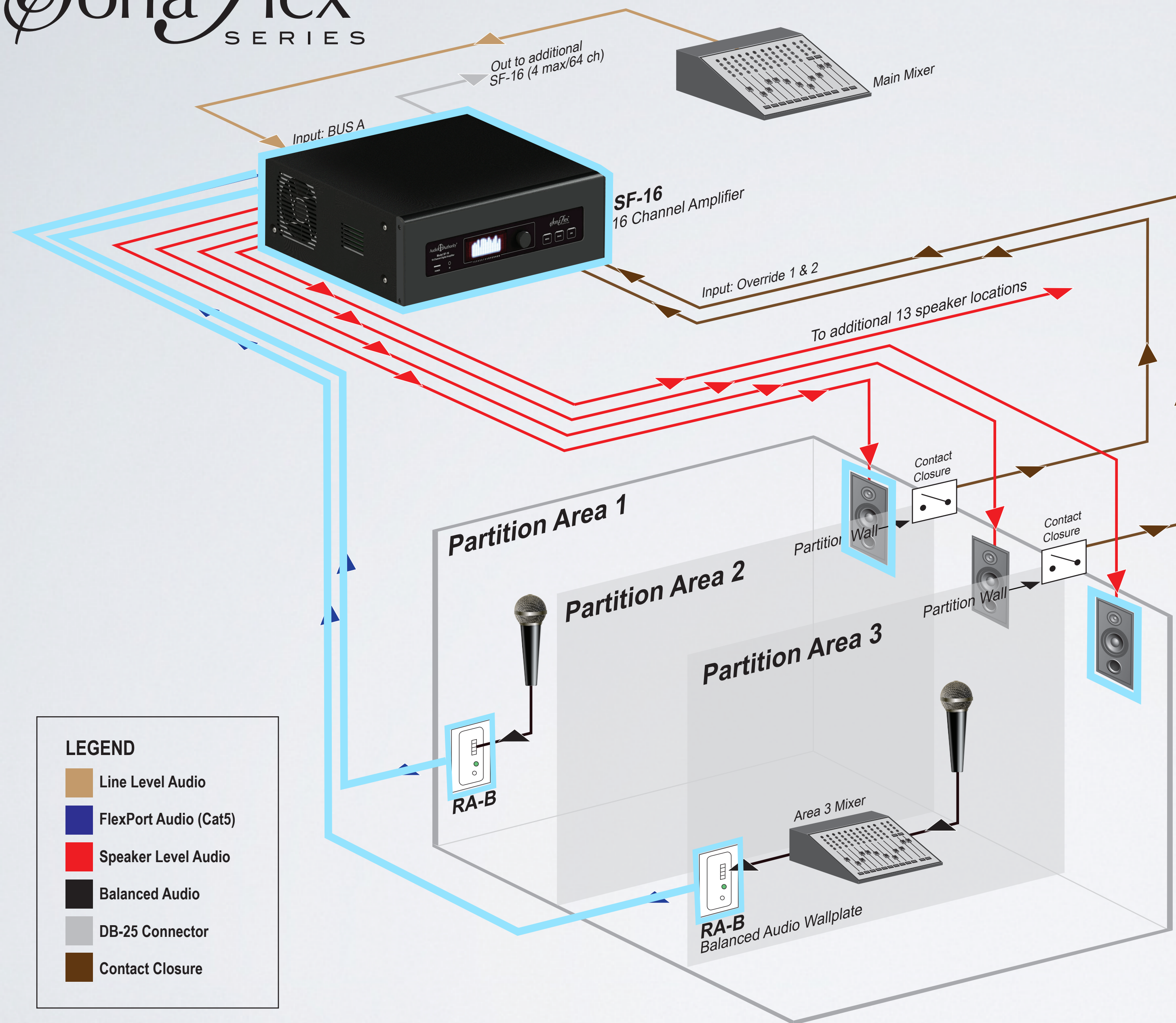


LEGEND

- Line Level Audio
- FlexPort Audio (Cat5)
- Speaker Level Audio
- Balanced Audio
- DB-25 Connector
- Contact Closure

- SF-16 distributes audio from the main conference room mixer to all speaker locations at 60W per channel
- When smaller conferencing areas are needed, partition walls are closed, triggering a contact closure to the SF-16 amplifier

SF-16 Room Combining System

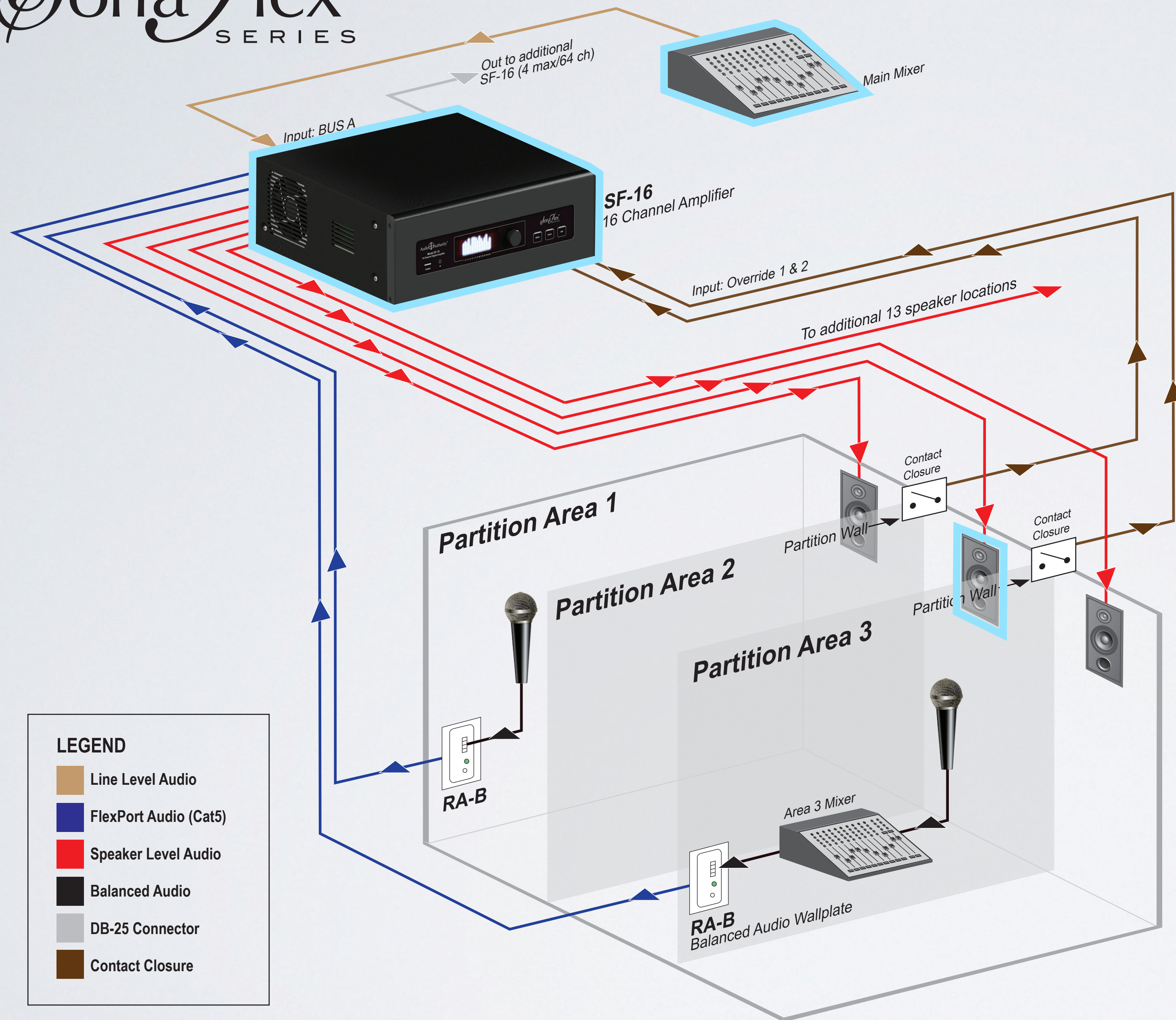


- SF-16 distributes audio from the main conference room mixer to all speaker locations at 60W per channel
- When smaller conferencing areas are needed, partition walls are closed, triggering a contact closure which is sent to the SF-16 amplifier
- SF-16 overrides audio in partition areas 1 and 3 to local RA-B wallplate inputs

LEGEND

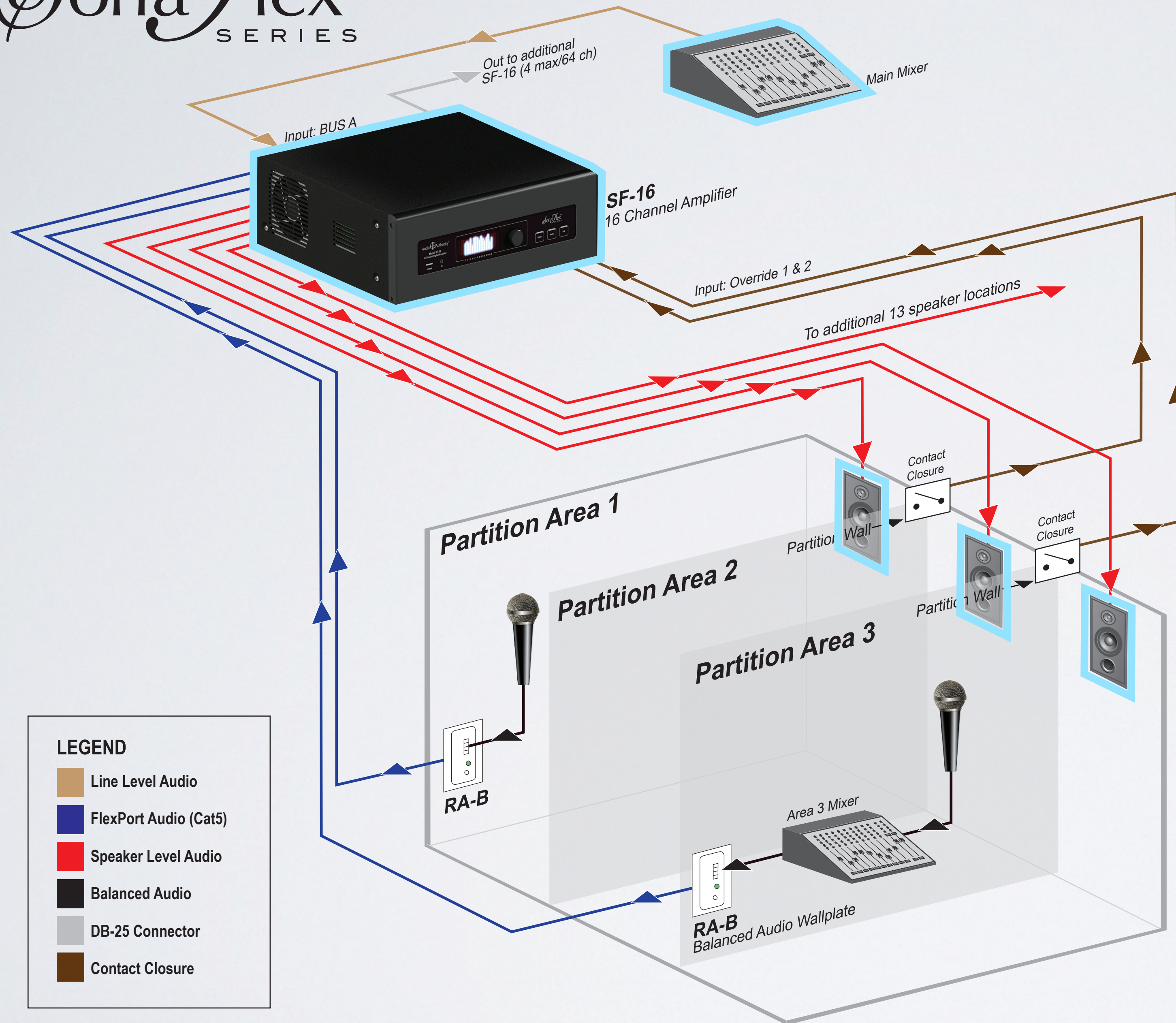
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SF-16 Room Combining System



- SF-16 distributes audio from the main conference room mixer to all speaker locations at 60W per channel
- When smaller conferencing areas are needed, partition walls are closed, triggering a contact closure which is sent to the SF-16 amplifier
- SF-16 overrides audio in partition areas 1 and 3 to local RA-B wallplate inputs
- Audio in partition area 2 remains on the main conference room mixer feed

SF-16 Room Combining System



- SF-16 distributes audio from the main conference room mixer to all speaker locations at 60W per channel
- When smaller conferencing areas are needed, partition walls are closed, triggering a contact closure which is sent to the SF-16 amplifier
- SF-16 overrides audio in partition areas 1 and 3 to local RA-B wallplate inputs
- Audio in partition area 2 remains on the main conference room mixer feed
- When partition walls open back up all speaker locations return to the main conference room mixer feed

SonaFlexTM
S E R I E S

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