# FreeSpace® 3 System

## Applications
- Background Music
- Foreground Music
- Paging

## Frequency Range (-10 dB)
- **DS 16S & DS 16SE Loudspeaker**: 40 Hz – 20 kHz
- **DS 16F Loudspeaker**: 80 Hz – 19 kHz
- **DS 40SE Loudspeaker**: 70 Hz – 19 kHz
- **DS 40F Loudspeaker**: 70 Hz – 19 kHz
- **DS 100SE Loudspeaker**: 60 Hz – 20 kHz
- **DS 100F Loudspeaker**: 60 Hz – 20 kHz
- **302™A Loudspeaker**: 45 Hz – 17 kHz
- **203™ Loudspeaker**: 60 Hz – 15 kHz

## Maximum SPL @ 1 M
- **DS 16S & DS 16SE Loudspeaker**: 100 dB SPL (106 dB SPL peak)
- **DS 16F Loudspeaker**: 96 dB SPL (102 dB SPL peak)
- **DS 40SE Loudspeaker**: 96 dB SPL (102 dB SPL peak)
- **DS 40F Loudspeaker**: 103 dB SPL (109 dB SPL peak)
- **DS 100SE Loudspeaker**: 103 dB SPL (109 dB SPL peak)
- **DS 100F Loudspeaker**: 105 dB SPL (111 dB SPL peak)
- **302™A Loudspeaker**: 102 dB SPL (108 dB SPL peak)
- **203™ Loudspeaker**: 104 dB SPL (110 dB SPL peak)

## Equalization
- **DS 16S & DS 16SE Loudspeaker**: Use with 40 Hz high-pass filter
- **DS 16F Loudspeaker**: Recommended loudspeaker EQ available or use with 80 Hz high-pass filter
- **DS 40SE Loudspeaker**: Recommended loudspeaker EQ available or use with a 70 Hz high-pass filter
- **DS 40F Loudspeaker**: Recommended loudspeaker EQ available or use with 55 Hz high-pass filter
- **DS 100SE Loudspeaker**: Use with 65 Hz high-pass filter
- **DS 100F Loudspeaker**: Use with 50 Hz high-pass filter
- **302™A Loudspeaker**: Use with 60 Hz high-pass filter
- **203™ Loudspeaker**: Use with 60 Hz high-pass filter

## Long-term Power Handling
- **DS 16S & DS 16SE Loudspeaker**: 200 W @ 70/100 V or 100 W @ 8 Ω
- **DS 16F Loudspeaker**: 16 W @ 70/100 V or 8 Ω
- **DS 40SE Loudspeaker**: 16 W @ 70/100 V or 8 Ω
- **DS 40F Loudspeaker**: 40 W @ 70/100 V or 8 Ω
- **DS 100SE Loudspeaker**: 40 W @ 70/100 V or 8 Ω
- **DS 100F Loudspeaker**: 100 W @ 70/100 V or 8 Ω
- **302™A Loudspeaker**: 100 W @ 70/100 V or 80 W @ 6 Ω
- **203™ Loudspeaker**: 75 W @ 70/100 V or 100 W @ 6 Ω

## Installation
- **DS 16S & DS 16SE Loudspeaker**: Indoor
- **DS 16F Loudspeaker**: Indoor/Outdoor
- **DS 40SE Loudspeaker**: Indoor
- **DS 40F Loudspeaker**: Indoor/Outdoor
- **DS 100SE Loudspeaker**: Indoor
- **DS 100F Loudspeaker**: Indoor/Outdoor
- **302™A Loudspeaker**: Indoor
- **203™ Loudspeaker**: Indoor/Outdoor

## Mounting
- **DS 16S & DS 16SE Loudspeaker**: Flush Ceiling, Surface Wall or Ceiling, Pole
- **DS 16F Loudspeaker**: Surface Wall or Ceiling, Pole
- **DS 40SE Loudspeaker**: Flush Ceiling, Pendant
- **DS 40F Loudspeaker**: Surface Wall or Ceiling, Pole
- **DS 100SE Loudspeaker**: Flush Ceiling, Pendant
- **DS 100F Loudspeaker**: Surface Wall or Ceiling
- **302™A Loudspeaker**: Surface Wall
- **203™ Loudspeaker**: Inground

## Venue Type
- **DS 16S & DS 16SE Loudspeaker**: Retail, restaurant, hospitality
- **DS 16F Loudspeaker**: Retail, restaurant, hospitality, transportation, houses of worship
- **DS 40SE Loudspeaker**: Retail, restaurant, hospitality, transportation, houses of worship
- **DS 40F Loudspeaker**: Retail, restaurant, hospitality, transportation, houses of worship
- **DS 100SE Loudspeaker**: Retail, restaurant, hospitality, transportation, houses of worship
- **DS 100F Loudspeaker**: Retail, restaurant, hospitality, transportation
- **302™A Loudspeaker**: Retail, restaurant, hospitality, transportation
- **203™ Loudspeaker**: Retail, restaurant, hospitality, transportation

## Colors
- **DS 16S & DS 16SE Loudspeaker**: Black or White
- **DS 16F Loudspeaker**: Black or White
- **DS 40SE Loudspeaker**: Black or White
- **DS 40F Loudspeaker**: Black or White
- **DS 100SE Loudspeaker**: Black or White
- **DS 100F Loudspeaker**: Black or White
- **302™A Loudspeaker**: Black or White
- **203™ Loudspeaker**: Gray or White

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**Design | Performance | Support**