

FT-1

FT-1.2

FT-2.2



FT-1, Designed as a compact full range trapezoid reinforcement system where subwoofers are used for low frequency support.

Concentric speaker design, precision dividing filters provides intelligible vocal reinforcement and high definition music playback. The FT-1 is an excellent choice for compact flying arrays or a supplementary front or sidefill system in RS-1 or RS-1.2 arrays. The FT-1 features:

- Concentric 15" loudspeaker.
- Extended high frequency 1" compression driver.
- Passive dividing network with Time Offset Correction (TOC™) and equalization.
- Baltic birch cabinet construction.
- Foam backed steel grille.
- Recessed handles.
- Fly hardware (anchor plate or optional truss array w/steel reinforcement).
- Pole mount.
- Compact enclosure design for ease in installation.

FT-1 Specifications:

Frequency Response: 50 to 16kHz
*Power Rating: *300 watts*
Nominal Impedance: 8 ohm
Sensitivity (1w/1m): 99 dB
Maximum SPL: 124 dB @1 meter (@ rated power)
Nominal Coverage Angles: 60° H x 40° V, above 2 kHz
Crossover Frequency: 1.2 kHz
L.F. Driver: CXL-1580C
H.F. Driver: DE 45/8
Input Connectors: 2 x NLA
Dimensions: 21.25" H x 17.25" W x 17" D
Weight: 66 lbs

FT-1.2, Using the same physical package as the FT-1, the FT-1.2 uses a 2 inch compression driver. The higher sensitivity and greater power handling of this driver results in 9 dB more high frequency headroom than systems with 1 inch drivers. The results are increased clarity, intelligibility and greater throw.

A precision passive dividing network and single amplifier connection allows for ease of installation.

The FT-1.2 features are similar to the FT-1 with these differences:

- Concentric 4" voice coil 15" loudspeaker
- Extended high frequency 2" compression driver

FT-1.2 Specifications:

Frequency Response: 50 to 16kHz
*Power Rating: *400 watts*
Nominal Impedance: 8 ohm
Sensitivity (1w/1m): 100 dB
Maximum SPL: 125 dB @1 meter (@ rated power)
Nominal Coverage Angles: 60° H x 40° V, above 2 kHz
Crossover Frequency: 1.2 kHz
L.F. Driver: CXL-2580C
H.F. Driver: DE 750/8
Input Connectors: 2 x NLA
Dimensions: 21.25" H x 17.25" W x 17" D
Weight: 76 lbs

FT-2.2, When maximum reliability and SPL is required, the FT-2.2 is the choice. Used with the TOC™ S2 processor, the FT-2.2 contains the same components as the FT-1.2 (minus the passive network) and gets the greatest performance out of them.

The TOC™ S2 processor contains: four pole linear phase dividing filters, precise equalization, Time Offset Correction (TOC™) and limiters.

The FT-2.2 features are similar to the FT-1.2 with this difference:

- Contains no passive dividing network since the system is intended to be biamplified.

FT-2.2 Specifications:

Frequency Response: 50 to 16kHz
*Power Rating: LF: *500 watts*
HF: 100 watts
Nominal Impedance: LF: 8 ohm
HF: 8 ohms
Sensitivity (1w/1m): 100 dB
Maximum SPL: 126 dB @1 meter (@ rated power)
Nominal Coverage Angles: 60° H x 40° V, above 2 kHz
Crossover Frequency: 1.2 kHz
L.F. Driver: CXL-2580C
H.F. Driver: DE 750/8
Input Connectors: 2 x NLA
Dimensions: 21.25" H x 17.25" W x 17" D
Weight: 72 lbs

Subwoofers

When these systems are used for full range music reinforcement or playback, the TOC™ subwoofers CB-2, RS-2BB or EB-1 are recommended.

Due to limitations of the passive dividing networks the long term average power rating of the FT-1 and FT-1.2 is limited to 200 watts (40 volts into 8 ohms). This in no way affects their transient capabilities. PAS recommends amplifiers that produce at least twice this power (400 watts into 8 ohms) for these cabinets. Since the FT-2.2 does not contain a dividing network, it does not have this limitation.

