

# FF 120T

Full-Range Flat Field® Speakers with 1' x 2' Low Profile Enclosure and 70/100 V Transformer



## DESCRIPTION

The Extron **FF 120T** is a full-range ceiling tile speaker for 70 volt/100 volt systems. The FF 120T features Extron patented Flat Field Technology which reduces beaming of mid and high frequencies directly under the speaker, delivering consistent sound levels across the listening area. In addition, the FF 120T offers an extraordinarily wide dispersion area of 170 degrees, providing a very wide room coverage pattern which is especially important for rooms with low ceilings. An Extron exclusive, UL 2043 plenum rated, 1' x 2' (30.5 cm x 61 cm) by 3.25" (8.3 cm) deep aluminized composite enclosure drops into standard suspended ceilings, providing quicker installations. With a low profile enclosure, this speaker is an excellent choice for ceiling installations with tight above-the-ceiling space issues.

## FEATURES

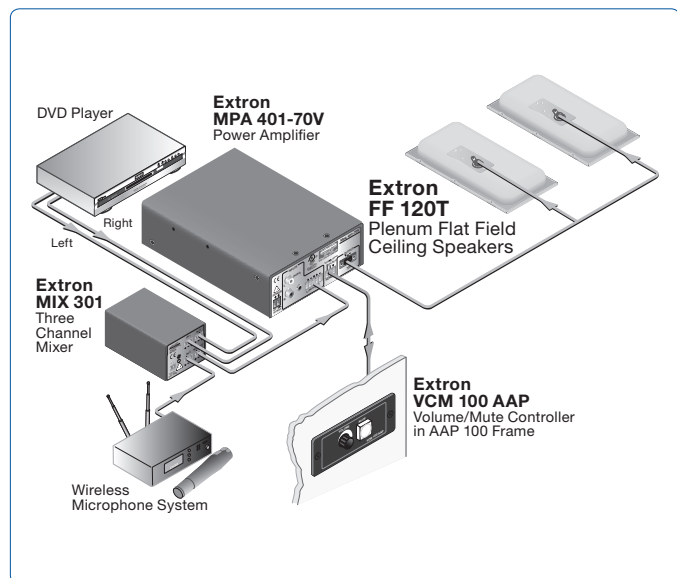
- 1' x 2' (30.5 cm x 61 cm), 4.7 lb (2.1 kg) drop-in ceiling tile speaker for suspended ceilings
- UL 2043 plenum rated enclosure
- Extron patented Flat Field® Technology for consistent sound levels across the listening area, reducing the number of speakers required
- 3" (7.6 cm) horn-loaded, full-range driver provides extended low frequency response
- White perforated grille matches appearance of air conditioning vents
- 8 ohm direct or 70/100 volt operation with selectable power taps
- Frequency response: 68 Hz to 18 kHz
- 16 watts continuous pink noise, 32 watts continuous program
- Wide 170° dispersion
- 3.25" (8.3 cm) deep low profile enclosure for plenum environments

## SPECIFICATIONS

| AUDIO/ACOUSTIC AND ELECTRICAL |  |
|-------------------------------|--|
| Frequency range               | 68 Hz to 18 kHz, -10 dB, half space  |
| Power capacity                | 16 W (rms) continuous pink noise<br>32 W (rms) continuous program  |
| Nominal sensitivity           | 86 dB SPL, 1 watt, 1 m, half space   |
| Nominal coverage angle        | 170° conical coverage  |
| Nominal impedance             | 8 ohms per speaker   |
| Driver                        | (1) 3" (76.2 mm) paper cone  |
| Input connector               | (1) 8 mm Euro-style captive screw terminal block, 7 pole   |
| Tap settings                  | 70 V input: 16 W, 8 W, 4 W, 2 W, 1 W, null (bypass 8 ohm direct connection)<br>100 V input: Null, 16 W, 8 W, 4 W, 2 W, 1 W (bypass 8 ohm direct connection)              |
| GENERAL                       |  |
| Package                       | 2 speakers (1 pair) with 2' (61 cm) cross bars   |
| Mounting                      | Drops into 2' x 2' (61 cm x 61 cm) or 2' x 4' (61 cm x 122 cm) suspended tile ceilings   |
| Enclosure type                | Composite, rectangular, with metal grille  |
| Enclosure outer dimensions    | 3.25" H x 23.75" W x 11.75" D<br>(8.3 cm H x 60.3 cm W x 29.9 cm D)  |
| Product weight                | Single: 5.1 lbs (2.3 kg)   |
| Shipping weight               | Pair: 17 lbs (8 kg) with mounting kit  |
| Regulatory compliance         | Safety: NFPA90A, NFPA70;<br>UL Listed for use in plenum airspaces: meets UL 2043 for heat and smoke release, meets UL 1480 for commercial and professional audio systems |
| Warranty                      | 5 years parts and labor  |

For complete specifications, please go to [www.extron.com](http://www.extron.com)

**NOTE: This product is not available in Europe**



| MODEL   | VERSION DESCRIPTION                            | PART #    |
|---------|--|-----------|
| FF 120T | Ceiling - 1x2 Drop-In, Transformer, Pair ..... | 42-120-13 |