### Specifications (See notes 1 and 2)

**Loudspeaker Type:** 3-way, horn loaded  
**Operating Range:**  
- LF: 60 Hz - 18 kHz  
- MF: 70 Hz - 17 kHz (+/-3dB)  
**Max Input (Passive):**  
- 600W continuous, 1500W program  
- 49 volts RMS, 110 volts momentary peak  
**Recommended Power Amp:** 1250W to 1800W @ 4 Ohms  
**Maximum Inputs (Triamp):**  
- **LF:** (Same as for Passive mode)  
  - MF: 75W continuous, 200W program  
  - 24 volts RMS, 57 volts momentary peak  
  - HF: 100W continuous, 400W program  
  - 28 volts RMS, 80 volts momentary peak  
- **Recommended LF Power Amp:** (Same as for Passive mode)  
- **Recommended MF Power Amp:**  
  - 75W continuous, 200W program  
  - 24 volts RMS, 57 volts momentary peak  
  - Recommended MF Power Amp: 1250W to 1800W @ 4 Ohms  
  - Recommended MF Power Amp: 170W to 240W @ 8 Ohms  
- **Recommended HF Power Amp:**  
  - 100W continuous, 400W program  
  - 28 volts RMS, 80 volts momentary peak  
  - Recommended HF Power Amp: 330W to 480W @ 8 Ohms  
**Sensitivities 1W/1m:**  
- **LF:** 108 dB SPL (80 Hz - 630 Hz 1/3 octave bands)  
- **MF:** 114 dB SPL (630 Hz - 4000 Hz 1/3 octave bands)  
- **HF:** 116 dB SPL (4000 Hz - 12500 Hz 1/3 octave bands)  
**Nominal Impedance (passive):**  
- 4 Ohms  
**Minimum Impedance:**  
- 3.7 Ohms @ 110 Hz  
**Nominal Impedances (Triamp):**  
- LF: 4 Ohms  
- MF: 8 Ohms  
- HF: 8 Ohms  
**Nominal -6dB Beamwidth:**  
- H: 60° (+18° / -15°, 1600 Hz - 16000 Hz)  
- V: 40° (+4° / -17°, 1600 Hz - 16000 Hz)  
**Axial Q / DI:**  
- 28.3 / 14.5, 1.6 kHz - 16 kHz  
**Crossover Frequencies:**  
- 630 Hz / 4 kHz  
**Recommended Signal Processing:**  
- 70 Hz - 700 Hz crossover (for biamp)  
- 700 Hz - 4 kHz crossover (for triamp)  
- 70 Hz high pass filter  
**Drivers:**  
- LF (2) 12"  
- MF (1) M200  
- HF (1) UC2  
**Input Connections:**  
- (2) Neutrik NL8MP, (tri-amp)  
- (2) Neutrik NL4MP, (passive/bi-amp)  
- (3) dual banana jacks  
**Controls:**  
- Passive / Bi-amp switch  
**Enclosure:**  
- 1-ply 18 mm Baltic Birch  
**Enclosure Hardware:**  
- (10) Ergo-Grip handles  
**Mounting / Rigging Provisions:**  
- (8) 3/8-16 rigging points, W.L.L. 300 lb. vertical pull each  
- (3) seat track  
**Grille:**  
- 16 gauge perforated steel (see options)  
**Required Accessories:**  
- (DSP) DXP4800 Controller  
**Supplied Accessories:**  
- None  
**Optional Accessories:**  
- 3/8-EYBLTKIT: (4) forged 3/8-16 eyebolts, DXP4800, TFRJP: Joiner Plate connects adjacent TFR FLYBAR, TFR-RAFRAC: Rear seat track mount, TFR-COVER, TFR-DOLLY, TFR-RIGCABLE, SKIP1, SKIP5  
**Dimensions:**  
- Height: 25.1 in. / 637.5 mm  
- Width Front: 25.45 in. / 646.4 mm  
- Width Rear: 12.1 in. / 307.3 mm  
- Depth: 33.5 in. / 852.2 mm  
- Weight: 155 lb. / 70.3 kg  
- Shipping Weight: 161 lb. / 73 kg  

1. Sensitivity: Free field pink noise measurement at 40 ft / 12.2 m at 50% power; extrapolated to 1 meter and an input of 2 volts RMS.  
2. Watts: All wattage figures are calculated using the rated nominal impedance.
The TFR64S loudspeaker system shall be a horn-loaded, three-way, full-range bass reflex trapezoidal design with two 12" woofers, plus one 2" exit mid-range driver with a non-metallic diaphragm, and one 2" exit HF driver with a non-metallic diaphragm mounted to an integrated, interchangeable MF/HF fiberglass waveguide module. Crossover frequencies shall be of 630 Hz and 4 kHz. There shall be two NL8MP (tri-amp) connectors. The system shall meet the following performance criteria: Overall amplitude response of 70 Hz to 17 kHz (+/-3dB) with LF section amplitude response 80-630 Hz, mid-range section amplitude response 630 Hz-4000 Hz, and HF section amplitude response 4000 Hz-12.5 kHz (+/-2dB). Tri-amp mode power handling shall achieve 600W RMS and 1500W PGM for LF, 75W RMS and 200W PGM for mid-range and 100W RMS and 400W PGM for HF (@4kHz/24dB HPF). NOTE: HF bandpass NOT accessible in passive mode. The loudspeaker enclosure shall be well-braced 18mm 13-ply Baltic birch with a black powder-coated 16 gauge perforated steel grille. The enclosure is finished with black TufCoat™. There shall be eight 3/8in-16 (threads per inch) integral threaded insert mounting points connected to top and bottom internal steel bracing. The LF sensitivity is 108 dB SPL/1W @ 4 ohms. The MF sensitivity is 114 dB SPL/1W @ 8 ohms. The HF sensitivity is 116 dB SPL/1W @ 8 ohms. Nominal dispersion shall be 60°H x 40°V from 1.6 kHz to 16 kHz. The loudspeaker shall be 25.1"(637.5mm) H, 25.45"(646.4mm) W(front), 12.1"(307.3mm) W(rear) x 33.5"(852.2mm) D and weigh 155lbs (70.3kg). The three-way, full-range loudspeaker system shall be the Community Model TFR64S.