

# Technical Manual

# 4338



### ACOUSTIC & ELECTRICAL SPECIFICATIONS:

- Nominal Impedance 8 ohms
- Max Amp Power 300 watts\*
- Frequency Response 35Hz – 40kHz (-6dB)
- Sensitivity 93dB (2.83V @ 1 meter)
- Crossover Frequencies 750Hz, 9000Hz

### SYSTEM COMPONENTS:

- Cabinet 4338 (not for sale)
- Grille 353193-001
- Low-Frequency Transducer 15" (381mm) 1500FE 338975-001  
DC Resistance 8.0 ohms ±10%
- High-Frequency Transducer 3" (76mm) 435AL 338831-001  
DC Resistance 4.1 ohms ±10%
- UHF Frequency Transducer 1" (25mm) 045Ti-1 339009-001  
DC Resistance 3.1 ohms ±10%
- Crossover Network – LF HF w/L-Pad 353151-002  
353151-001

### AURAL SWEEP TEST SPECIFICATIONS:

- System Aural Sweep Test 6.0V Input 35Hz to 20kHz
- L.F. Aural Sweep Test 5.0V Input 35Hz to 1kHz
- M.F. Aural Sweep Test 4.0V Input 500Hz to 10kHz
- H.F. Aural Sweep Test 2.83V Input 8kHz to 20kHz

### PHYSICAL SPECIFICATIONS:

- Enclosure dimensions 36-1/4" x 21-5/8" x 13-1/8" (H x W x D)  
(14-3/4" total depth w/horns)  
(920mm x 549mm x 333mm)
- Weight 140 lb (63.5kg) each

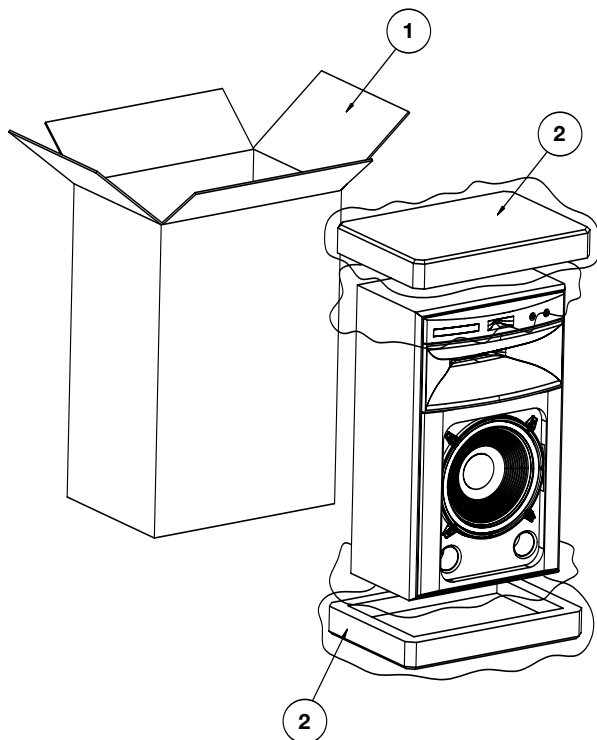
### WARRANTY:

- Refer to Warranty Statement packed with each product.

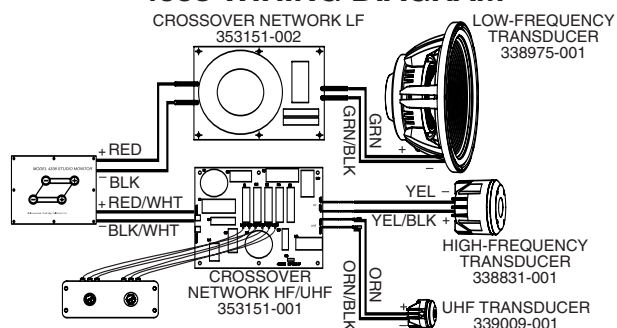
\* The maximum recommended amplifier power rating will ensure proper system headroom to allow for occasional peaks. We do not recommend sustained operation at these maximum power levels.

### PACKAGING

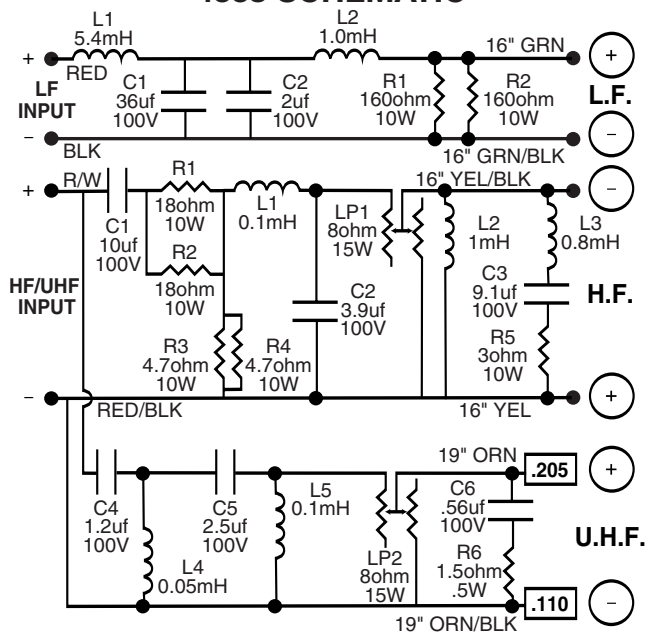
Legend on Page 2



### 4338 WIRING DIAGRAM



### 4338 SCHEMATIC



4338

