



## TF1230S

Ferrite Magnet Pressed Steel Chassis Woofer

### General Specifications

|                                  |                     |
|----------------------------------|---------------------|
| Nominal diameter.....            | 305mm/12in          |
| AES standard power handling..... | 300Wrms             |
| Continuous power handling .....  | 600Wrms             |
| Nominal impedance .....          | 8Ω                  |
| Sensitivity .....                | 96dB                |
| Frequency range .....            | 50Hz-4000Hz         |
| Voice coil diameter.....         | 75mm/3in            |
| Chassis type .....               | Pressed Steel       |
| Magnet type .....                | Ferrite             |
| Magnet weight .....              | 1.7kg/59oz          |
| Coil material .....              | Edgewound CCA       |
| Former material .....            | Polyimide           |
| Cone material .....              | Kevlar loaded paper |
| Surround material.....           | Cloth sealed        |
| Suspension .....                 | Single              |
| Xmax .....                       | 4.5mm/0.18in        |
| Gap depth.....                   | 8mm/0.31in          |
| Voice coil winding width .....   | 17mm/0.67in         |

### Features

- Official replacement woofer for Mackie SRM 450 V2/3
- Tough 12" ferrite pro audio loudspeaker with Kevlar loaded cone and robust steel chassis
- Optimised magnet assembly delivers impressive power to weight ratio
- 3" high temperature edgewound copper clad aluminium voice coil wound on glass fibre former for enhanced reliability
- Double roll surround provides exceptional linearity at extremes of cone excursion
- 300Wrms (AES standard) power handling

### Small Signal Parameters

|           |  |
|-----------|--|
| D .....   | 0.26m/10.24in                              |
| Sd .....  | 530.93cm <sup>2</sup> /82.2in <sup>2</sup> |
| Fs .....  | 50Hz                                       |
| Mms ..... | 54.52g/1.92oz                              |
| Qms ..... | 4.05                                       |
| Qes ..... | 0.46                                       |
| Qts ..... | 0.41                                       |
| Re.....   | 5.79Ω                                      |
| Vas ..... | 60.11l/2.12ft <sup>3</sup>                 |
| Bl .....  | 15.48Tm                                    |
| Cms.....  | 0.15mm/N                                   |

### Mounting Information

|                                |                              |
|--------------------------------|------------------------------|
| Overall diameter .....         | 317.4mm/12.5in               |
| Overall depth .....            | 137mm/5.39in                 |
| Cut-out diameter .....         | 283mm/11.14in                |
| Mounting slot dimensions.....  | 13mmx6.6mm/<br>0.51inx0.26in |
| Number of mounting slots ..... | 8                            |
| Mounting slot PCD.....         | 299mm/7.59in                 |
| Unit Weight.....               | 4.3kg/9.5lb                  |

### Packed Dimensions & Weight

|                         |   |
|-------------------------|---|
| Single pack size .....  | 330mm x 330mm x 150mm/<br>13inx13inx6in |
| Single pack weight..... | 5.5kg/12lb                              |

### Frequency Response and Impedance Curves

