

ML15F PA Horn Loudspeaker

The ML15F 15W PA loudspeaker is suitable for harsh environments with high ambient noise levels.

The ML15F features IP66 & IP67 (Type 4/4X/13) enclosures and re-entrant flare horns manufactured from high impact, fire retardant ABS. All models have dual cable entries and large termination areas containing in & out terminals. Available with 25, 70 and 100V line transformers or in 8 or 16 Ohm low impedance versions.

UL & cUL approved for Fire Alarm & Emergency and Professional & Commercial use.

Features

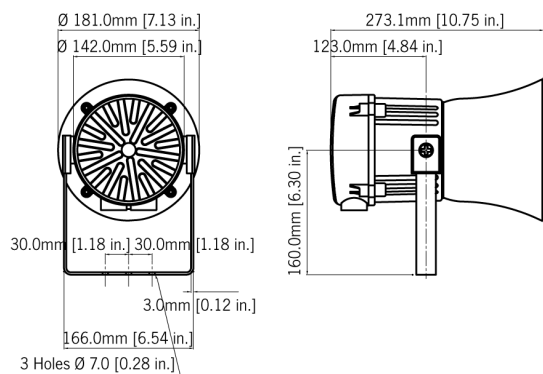
- Ingress protection IP66/67 Type 4/4X/13/3R
- Large termination area
- Dual M20 or 1/2"NPT cable entries – adaptors available
- Stopping plug included
- 316 (A4) Stainless steel mounting bracket
- Ratchet adjustable 'U' bracket for 360° positioning
- Duplicate cable terminations
- Fire Alarm & Emergency and Professional & Commercial use

Approvals

- All models comply with the following standards:
- UL 1480A (Ed 1)
- CSA C22.2 No. 205 (Ed 3)
- EAC compliant: RU D-GB.GA05.B.12595-20
- Russian Maritime Register of Shipping
Cert: No. 19.00193.278
- CSFM listing: 7320-2279:0502

- V070 & V725 models are also approved to:
- UL 1480 (Ed 6)
- CAN/ULC-541 (Ed 4)





Specification

SPL:	101dB +/-3dB @ 1W @ 1m (Pink) 113dB +/-3dB @ 15W @ 1m (Rated) 117dB(A) @ 1 m at 1.3Khz (Max)
Rated power:	15 Watts RMS
25/70v line tappings:	15W / 7.5W / 5W / 4W / 2W (z=336.67 Ohms / 653.33 Ohms / 1.6kOhms / 4.9kOhms)
70v line tappings:	15W / 7.5W / 3W / 1W (z=336.67 Ohms / 653.33 Ohms / 1.6kOhms / 4.9kOhms)
100v line tappings:	15W / 7.5W / 3W / 1W (z=666.87 Ohms / 1.34kOhms / 3.34kOhms / 10kOhms)
Low impedance:	8 Ohm or 16 Ohm
Directivity Index:	6.2 @ 1kHz & 16.0 @ 4kHz [dB on-axis]
Frequency range:	400Hz to 8000 Hz
DC Line monitoring:	2.2uF or 4.7uF Capacitor (Transformer version) 470uF Capacitor (Low impedance version)
Ingress protection:	IP66 & IP67 (Third party tested) UL50E / NEMA250: 4/4X/3R/13
Enclosure material:	High impact UL94 V0 & 5VA FR ABS
Enclosure colour:	Grey or Red
Cable entries:	2 x M20; 1 x M20 & 1 x 1/2"NPT; 2 x 1/2"NPT supplied with blanking plug
Stopping plugs:	Nylon, Nickel Plated Brass or Stainless Steel
Terminals:	0.5 - 2.5mm ² (20-14 AWG) Duplicated terminals
Operating temp:	-40 to +66°C [-40° to +151°F]
Storage temp:	-40 to +70°C [-40° to +158°F]
Relative humidity:	99% at 20°C [68°F] – tropicalised
Weight:	Line transformer version: 2.60kg/5.72lbs Low impedance: 2.20kg/4.84lbs

Part Codes

Variable:	Identifier:	Description:
Product type:	ML15	15W PA Loudspeaker
Horn type:	F	Flare re-entrant horn
Type:	V100 V070 V725 R008 R016	100V Line 70V Line 25/70V Line 8 Ohm Low impedance 16 Ohm Low impedance
Cable entries: [e]	A B C	M20x1.5 & 1/2" NPT M20x1.5 & M20x1.5 (Default) 1/2" NPT & 1/2" NPT
Stopping plug material: [m]	N	Nylon
Bracket: [s]	1 3	316 (A4) Stainless Steel 316 (A4) Stainless Steel with Equipment tag
Product version:	A	UL, cUL, CE, EAC, RMRS
Product option:	1	Standard product
Enclosure: [x]	G R	Grey Red
Accessories:	SP65-0001-A4 SP65-0003-A4	Pole Mount Bracket Kit St/St 316 (A4) Sunshade – St/St 316 (A4)