

EF-SP20-130-P-ENC Plastic Sound Projector Loudspeaker

Technical Data

EATON EF-SP20-130-P-ENC



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1438
DoP0514

Certificate No. 1438-CPR-0976

Specifications	EF-SP20-130-P-ENC
Power 100V	20W / 10W / 5W / 2.5W
Power 70V	10W / 5W / 2.5W / 1.5W
Impedance 100V	500Ω / 1,000Ω / 2,000Ω / 4000Ω
Impedance 70V	490Ω / 980Ω / 1,960Ω / 3,920Ω
Frequency range	150 – 20,000 Hz
Frequency response	120 – 21,000 Hz
SPL 1W/1m, peak	99.5 dB
SPL , 1W/4m, peak	87.5 dB
SPL Pmax/4m, peak	100.5 dB
SPL, rated noise power / 4m	89.0 dB
Sensitivity EN54-24, 1W/4m	75.0 dB
Sensitivity EN54-24, 1W/1m	87.0 dB
Dispersion -6dB, 500Hz	360°
Dispersion -6dB, 1KHz	230°
Dispersion -6dB, 2KHz	110°
Dispersion -6dB, 4KHz	58°
Dimensions	137 x 222 mm
IP rating	IP66
Weight (net)	1.44 kg
Temperature range	-25 / +70 C°
Mounting	Mounting bracket
Connector	2-pin ceramic terminal
Maximum cable cross section	8mm ²
Max. cable cross section loop	2 x 2mm ²
Colour	White

Thank you for purchasing Eaton **EF-SP20-130-P-ENC** sound projector speaker. This product was tested before shipment and, therefore, should arrive in working condition. If you have any issues with this speaker, please contact your supplier in the first instance.

CAUTION

WARNING: INAPPROPRIATE USE OF THIS SPEAKER CAN RESULT IN PROPERTY DAMAGE, INJURY OR DEATH.

- Please be sure to read the whole installation manual.
- Please follow all recommendations of this installation manual.
- We recommend you keep this manual for future reference.

If you have any concerns or questions regarding the points raised in this manual, please contact your supplier in the first instance.

Tappings

	Black	Green	Blue	Yellow	Red
100V	COM	2.5W	5W	10W	20W
70V	COM	1.25W	2.5W	5W	10W

EN54-24 Components of voice alarm systems - Loudspeakers

Essential Characteristics

Harmonized Technical Specification: EN54-24:2008



Note: This unit is design to operate at 100/70V. Please isolate the speaker cabling from the source before conducting any works within the unit.

Ensure all terminations are fully tightened to avoid short circuits forming due to disconnected cables.

Please refer to regional wiring regulations and standards for guidance on installation.

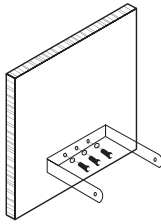
This loudspeaker is equipped with a ceramic terminal block, thermal fuse and 4.7μF capacitor.



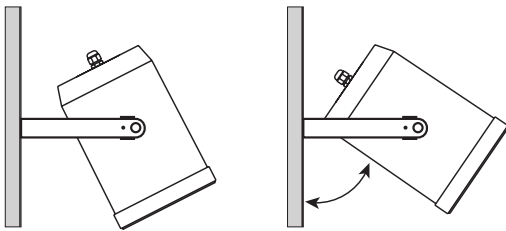
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Installation

1. Remove the U bracket from the loudspeaker.
2. Fix the U bracket using suitable fixings (not supplied).



3. Re-fit the loudspeaker to the U bracket, position to the desired angle before tightening the fixings.



4. Secure the junction box and connect cables using suitable glands.
5. Select the desired tapping and terminate the cable.

Dimensions

