



HORNS AND SIRENS

ELECTRONIC

5520 SERIES



PRODUCT OVERVIEW

The 5520 Series devices are low current, high performance, high decibel audible signals which may be coded from an external source or used as a continuous alarm. They are designed to function as either a horn or siren by setting an internal, tamper proof switch. The 5520D is primarily intended for use in applications requiring electrical supervision of signaling circuit field wiring. These signals may also be used for unsupervised signaling applications.

PERFORMANCE SUMMARY

Operating Voltage: 12-240V AC, 12-250V DC

Operating Temperature Range: -30°F to 150°F (-35°C to 66°C)

Output: 124dB audible signal at 1m (114dB @ 10ft.)

KEY FEATURES

- Suitable for outdoor applications using 349 Back Box
- Switchable horn or siren or horn models
- Easy mounting plate speeds installation
- Diode polarized for supervised circuits (5520D)
- Horn frequency of 1.1 KHz
- Siren frequency rises and falls from 600 to 1300 Hz every 3 seconds
- Speaker swivels 180° horizontally and 90° vertically

APPLICATIONS

- Environmental Conditions
- Fire & Life Safety
- Industrial Safety
- Infrastructure & Utilities Monitoring
- Hazard Warning
- Hazardous Locations
- Mass Notification
- Process Status & Operational Awareness
- Security & Access Control
- Transportation & Material Handling Safety

LISTINGS & COMPLIANCE

- UL Listed



Line drawings on the back page.

ORDERING INFORMATION

Refer to the ordering table to select the appropriate operating voltage and color for your application.

Example: 5520D-N5

How To Order - Model Number Breakdown			Weight Specifications		
5520	D	N5	Model Number	Approx. Net Weight (lb.)	Approx. Shipping Weight (lb.)
MODEL	INPUT POLARITY	VOLTAGE			
5520	[BLANK] Standard D Diode Polarized	N5 120V AC AS 12V AC/ 12V DC AQ 24V AC/ 24V DC P1 125V DC R5 240V AC AW 20-24V DC	5520-AS	7.90	10.72
			5520-AQ	7.90	10.72
			5520-N5	7.90	10.72
			5520-P1	7.90	10.72
			5520-R5	7.90	10.72
			5520D-N5	7.90	10.72
			5520D-AW	7.90	10.72
			349	1.30	1.56

Product Specifications				
Model Number	Operating Voltage	Current	VA	dB ⁴ at 1m/10ft.
5520-AS ¹	12V AC	1.3 A	15.6	121/112 (Horn) / 122/112 (Siren)
	12V DC	0.7 A	8.4	121/112 (Horn) / 122/112 (Siren)
5520-AQ ¹	24V AC	0.85 A	20.4	121/112 (Horn) / 122/112 (Siren)
	24V DC	0.35 A	8.4	121/112 (Horn) / 122/112 (Siren)
5520-N5 ¹	120V AC	0.35 A	42	124/114 (Horn) / 122/112 (Siren)
5520-P1 ¹	125V DC	0.1 A	12.5	124/114 (Horn) / 122/112 (Siren)
5520-R5 ^{1,3}	240V AC	0.1 A	24.0	124/114 (Horn) / 122/112 (Siren)
5520D-N5 ²	120V AC	0.35	42.0	121/112 (Horn) / 122/112 (Siren)
5520D-AW ²	20-24V DC	0.35	8.4	121/112 (Horn) / 122/112 (Siren)

¹AC voltage frequency is 60 Hz.

²AC voltage frequency is 50/60 Hz.

³Uses separately mounted 598Y transformer (included).

⁴dB measured LCpeak (1s).

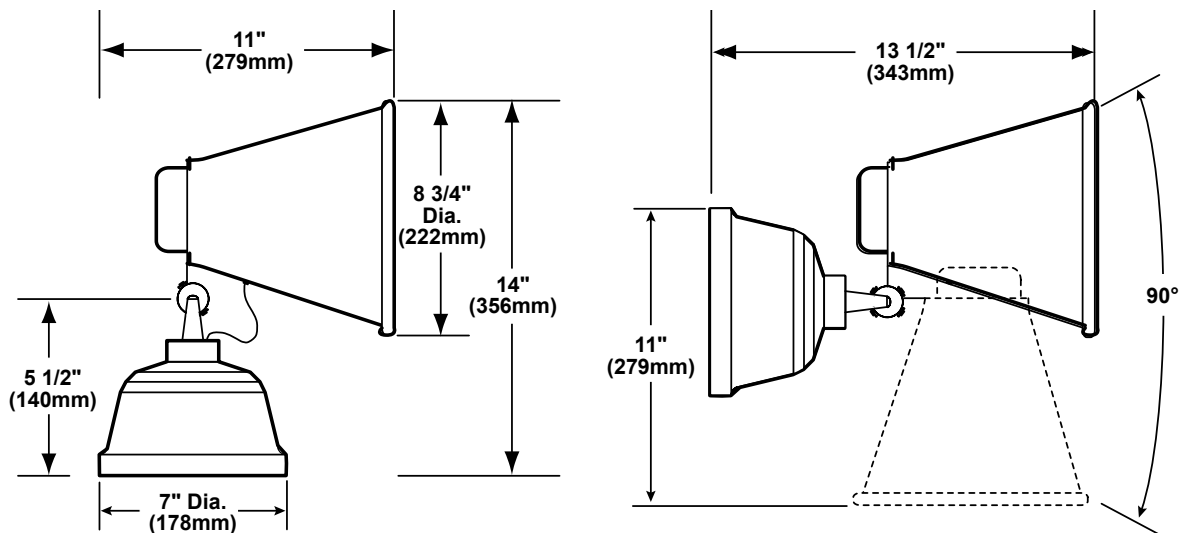
AVAILABLE ACCESSORIES

349

Back Box



LINE DRAWINGS



Mounts on any single gang, 3 1/4" (83mm),
3 1/2" (89mm), 4" (102mm) octagon or 4" (102mm) square box.