

PSR-ANN Series

Annunciator for ADRF's Public Safety Repeaters



Specifications

	PSR-ANN-X	PSR-ANN-U	PSR-ANN-L
Communication Protocol	TTL High/Low	TTL Serial I/O	RS-485
Dimensions (W x D x H)	5.91 x 2.84 x 6.32 in.	5.91 x 2.84 x 6.32 in.	5.91 x 2.84 x 6.32 in.
Weight	2.5 lbs.	2.5 lbs.	2.5 lbs.
Weather Resistance	IP66	IP66	IP66
Connector	12-pin Chogory	4-pin Chogory	8-pin (6 used) Chogory
Alarm Sound Level	100dB @ 1m	100dB @ 1m	100dB @ 1m
Max Distance	66 ft.	33 ft.	1000 ft.
Certification	MET Classified for UL 2524 Fire & Shock	UL 2524	UL 62368 / UL 2524 (coming soon)
Products Supported	PSR-78-9533-X PSR-78-9537-X PSR-VU-9537-X	PSR-78-9533-U PSR-78-9537-U PSR-U-9537-U PSR-VU-9537-U	PSR-78-8527-PKG PSR-78-9533-U (coming soon) PSR-78-9537-U (coming soon) PSR-U-9537-U (coming soon) PSR-VU-9537-U (coming soon)
Cables	6ft Cable (Included)	6ft Cable (Included)	6ft Cable Included); 100, 500, and 1000 ft Cables (optional)

Alarm Specifications

Alarm Name	Alarm Condition	Visual	Audible
Normal AC Power	AC Power Active	Green LED (Normal)	Off (Normal)
Loss of Normal AC Power	AC Power Inactive	Red LED (Alarm)	On (Alarm)
Battery Charger Failure	Battery Charger Issue PSU or Battery Replacement Needed	Red LED (Alarm)	On (Alarm)
Low Battery Capacity	30% of Battery Remaining Battery Not Connected	Red LED (Alarm)	On (Alarm)
Active RF Emitting Device Malfunction	Amplifier Degradation Strong Outband or Inband Signal VSWR Oscillation	Red LED (Alarm)	On (Alarm)
System Component Malfunction	Over Temperature System Halt Critically Strong Outband DSP Chip Failure Annunciator Connection Failure	Red LED (Alarm)	On (Alarm)
Donor Antenna Disconnection	Donor Antenna Disconnected	Red LED (Alarm)	On (Alarm)

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