

Wilson Public Safety ERCES Remote Annunciator

Public Safety Repeater Accessory

Wall-mounted status display for local alarm visibility and status monitoring of the Wilson Public Safety BDA platform.

- Local LED status visibility for BDA alarm conditions
- RS485 communication at 9,600 bps
- 12 to 40 VDC operating voltage
- Low current draw: 150 mA max at 28 VDC
- Compact wall-mounted enclosure for Public Safety ERCES deployments



Model: Remote Annunciator (RA)
SKU: 780001*

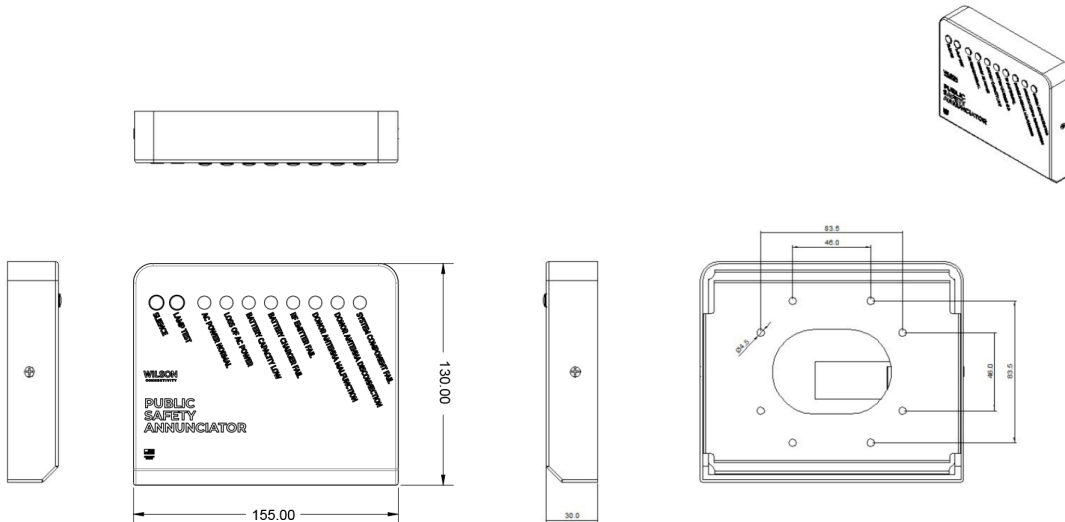
Mechanical, Electrical, and Interface Specifications

PARAMETER	SPECIFICATION
Interface type	RS485
Baud rate	9,600 bps; parity none; 8 data bits; 1 stop bit
Operating voltage	12 to 40 VDC
Power consumption	150 mA max at 28 VDC
Size (W x H x D)	155 x 130 x 30 mm
Primary connection	BDA communication port
Mounting	Wall mounted
Summary	Supports AC power normal, loss of AC power, battery capacity low, battery charger fail, RF emitter fail, donor antenna malfunction, donor antenna disconnection, and system component fail alarms. Provides local annunciation plus communication path support for status monitoring of the Wilson Public Safety BDA.

*⚠️ **WARNING:** Cancer and Reproductive Harm - www.P65Warnings.ca.gov.

Dimensional Drawing and Technical Details

Overall size: 155 x 130 x 30 mm



Supported Alarm / Monitor Points

POINT	PURPOSE
AC power normal	Normal AC condition
Loss of AC power	Primary power interruption
Battery capacity low	Low battery condition
Battery charger fail	Charger fault indication
RF emitter fail	RF emitter fault
Donor antenna malfunction	Donor antenna fault state
Donor antenna disconnection	Disconnected donor antenna condition
System component fail	General system fault
RS485 communication status	Communication path support

Pin Descriptions

NO.	NAME	DESCRIPTION
1-3	Power	+28 V
4	RS485 D+	RS485 positive
5	RS485 D-	RS485 negative
6-8	GND	Ground

Support



3 YEAR WARRANTY FROM PURCHASE

US Web: wilsonconnectivity.com

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Communication Summary

ITEM	SUMMARY
Message behavior	Requests and responses are always paired
Byte order	Data is little endian; length and CRC are big endian
Nominal baud rate	9,600 bps

