



Spectrum

EX-JB-D1-HORN-RUT241

Explosion-Protected Horn Speaker

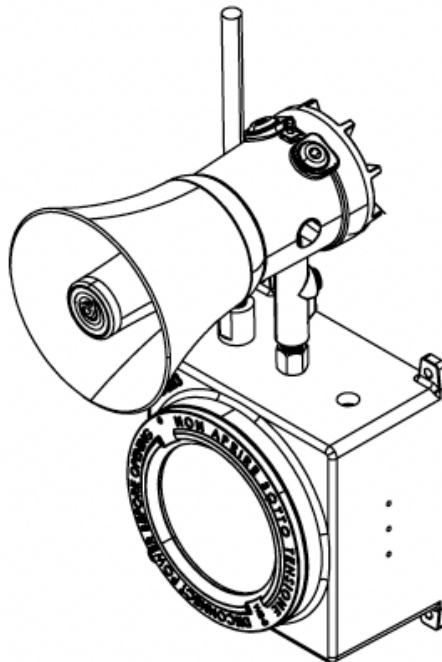
Key Features

- All-in-one standalone device
- Connects to standard network
- Worldwide hazardous area certifications
- Easy to install, configure, and use
- Flexible, scalable, and cost-effective



Description

Certified worldwide for hazardous areas (Class I Div 1, Zone 1 IIC), this all-in-one network horn speaker enables live, scheduled, and event-triggered voice messages. For example, real-time severe weather alerts, or prerecorded reminders to wear personal protective equipment when an analytics-equipped camera detects it's missing. Messages come through loud and clear – even in noisy environments – thanks to the horn and built-in digital signal processing. PoE makes installation easy, with one cable for both power and connectivity. Furthermore, AXIS Audio Manager Edge comes preinstalled so you can remotely monitor system health, set and prioritize content, and configure zones and user permissions.



Specifications

Spectrum EX-JB-D1-HORN-RUT241

General - Horn

- Enclosure - Re-entrant horn loudspeaker with compression driver
- Max Sound Level - >110 dB at 1m distance
- Frequency Response - 400 Hz - 5.5 kHz
- Coverage Pattern - 54°
- Input / Output - Built-in speaker
- Amplifier description - Built-in 7 W Class D amplifier
- Digital signal processing - Built-in and pre-configured

General - Router

- 4G LTE Cat 4 up to 150 DL/50 UL Mbps; 3G up to 21 DL/5.76 UL Mbps; 2G up to 236.8 DL/236.8 UL kbps
- 802.11b/g/n (Wi-Fi 4), Access Point (AP), Station (STA)
- Up to 50 simultaneous connections
- Wireless mesh (802.11s), fast roaming (802.11r), Relayd, BSS transition management (802.11v), radio resource measurement (802.11k)

General - Junction Box

- Class I, Zone 1, Gas Group IIB+H2, IP66
- ATEX / IECEx Component Certificate
- Class I, Division 1, Gas Groups BCD, NEMA 4/7
- UL/CUL Classified
- Watertight gasket / steel mounting panel
- Input Voltage 90-120 VAC, 10A, 50-60 Hz
- Output Voltage IEEE 802.3at, 30W
- Operational Temperature Range -20°C to +40°C

Certifications & Warranty

Explosion-proof Certifications cETLus 106453236DAL-003

Certifications cETLus:

Class I, Division 1, Groups ABCD, T5
Class II, Division 1, Groups EFG, T91°C
Class I, Zone 1, Group IIC, T5
Zone 21, Group IIIC, 91°C

Standards Assembly:

CONFORMS TO UL STANDARD 1203
CERTIFIED TO CSA STANDARD C22.2#30
CERTIFIED TO CSA STANDARD C22.2#25

Horn:

CSA C22.2 No. 60079-0,
CSA C22.2 No. 60079-1,
CSA C22.2 No. 60079-31,
IEC/EN 60079-0, IEC/EN 60079-1, IEC/EN 60079-31,
UL1203, UL 60079-0, UL 60079-1, UL 60079-31

Warranty 3 Year

Approvals



8935 ALMEDA GENOA RD.
HOUSTON, TEXAS 77075
USA
CONFORMS TO UL STANDARD 1203
CERTIFIED TO CSA STANDARD C22.2#30
CERTIFIED TO CSA STANDARD C22.2#25

MODEL: EXJB-D1-HORN-RUT241
SERIAL:

Input Voltage: 90-120VAC, 10 A, 50/60 Hz
Output Voltage: IEEE 802.3af/IEEE 802.3at, 30W
Tamb: -20°C TO +40°C, Type 4

Class I, Division 1, Groups ABCD, T5
Class II, Division 1, Groups EFG, T91°C
Class I, Zone 1, Group IIC, T5
Zone 21, Group IIIC, T91 °C

CAUTION- To reduce the risk of ignition of hazardous atmospheres, disconnect the equipment from the supply circuit before opening. Keep assembly tightly closed when in operation
WARNING-To reduce the risk of ignition of hazardous atmospheres, conduit runs must have a sealing fitting connected within XX inches of the enclosure
AVERTISSEMENTS: OUVRIR LE CIRCUIT AVANT D'ENLEVER LE COUVERCLE, or KEEP COVER TIGHT WHILE CIRCUITS ARE ALIVE and GARDER LE COUVERCLE BIEN FERMÉ TANT QUE LES CIRCUITS SONT SOUS TENSION
AVERTISSEMENTS: UN SCELEMENT DOIT ÊTRE INSTALLÉ À MOINS DE XX DU BOÎTIER

