

Datasheet

CAST



INDUSTRIAL HEADSETS – COMMUNICATION SYSTEM

Highlights

- Empowers workers to communicate effortlessly while keeping their hands free for their work.
- Always ready: Can be powered by exchangeable lithium polymer batteries or AAA batteries.
- Heavy Duty Industrial Design.
- Communicate with colleagues using hand held two-way radios.
- Innovative outer speakers capture ambient noise, ensuring safety in high-traffic areas.

Communication

- Mesh Intercom provides perfect connection with a near-limitless number of participants on construction sites, in workshops or factories:
- High-quality audio, using 2,48 GHz frequency range like Wi-Fi and Bluetooth®
- Devices are connected in a self-healing-mesh, not in a daisy chain (Bluetooth®)
- Mesh: 9 channels
- Working distance: up to 1.1 km (0.7 mi)*
- Talk time: up to 9 hours
- * Can extend up to 4.4 km (2.8 mi) between a minimum of 6 users

Main Features

**Mesh
Networking**Robust and reliable
communication network**up to 1.1 km
(0.7 mi)***Maximum distance
operating within optimal
conditions**Audio
Multitasking™**Conversation while
simultaneously listening
to music**Advanced
Noise Control™**Reduced background
noise**Attenuation
28 / 23 dB**Will reduce ambient noise
by 28 dB (over-the-head)
and 23 dB (hard hat).**Radio
Connectivity**Connect to handheld
two-way radios

Product details

INDUSTRIAL HEADSETS

Speaker	32 mm – thickness 7.1 mm
Buttons	6 Buttons (Plus, Minus, Center, Mesh, Mic and Ambient)
Bluetooth version	4.2
Intercom	Mesh Intercom –Mesh: 9 channels –Distance: up to 1.1km (0.7 mi) –Talk time: 9 hours
Advanced Noise Control	Supported
Firmware Update	SENA Device Manager
Charging Cable	USB-C
Mobile App	Sena Industrial App
Battery Size	1 x 1.100 mAh
Can Be Used While Charging?	Yes
Charging Time	2.5 hours
PPE/PSA 2016/425 EU	CAST-01: EN 352-1, 2020 EN 352-4, 2020 EN 352-6, 2020 EN 352-8:2020 CAST-02: EN 352-3, 2020 EN 352-4, 2020 EN 352-6, 2020 EN 352-8:2020
Noise Reduction Rating	CAST-01: NRR (ANSI S3.19-1974, US) - 28 dB SNR (EN 352-1:2020, EU) - 34 SLC80 (AS/NZS 1270 Class 5, AUS/NZ) - 33 dB CAST-02: NRR (ANSI S3.19-1974, US) - 23 dB SNR (EN 352-1:2020, EU) - 30 SLC80 (AS/NZS 1270 Class 5, AUS/NZ) - 30 dB

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