

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

SENA Europe GmbH
Paul-Henri-Spaak Str. 22
51069 Cologne
Germany
Tel. +49(0) 221 620089-50
sales.eu@sena.com
www.sena.com

SENA SAS Fance
17 Boulevard Robert Thiboust
77700 Serris
France
+33 (0)1 73 09 78 28
sales.fr@sena.com
www.sena.com