

Technical Data

Absolute comfort and crystal-clear communication

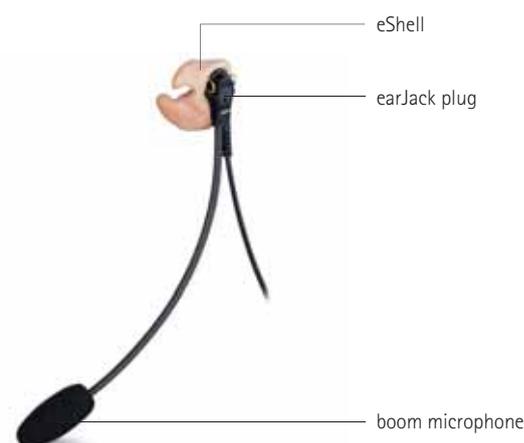
ComCom by Phonak is an ultra-light and highly comfortable communication headset providing excellent speech intelligibility and clear voice transmission in all situations. ComCom is available in several models for use with a wide range of communication devices (phones, radios, intercoms, etc.)

Due to its modular construction ComCom can be worn with custom-molded or generic ear shells, in the left or right ear. There are no parts covering or hanging off the outer ear, meaning no pressure around the head or discomfort. ComCom fits securely inside the ear, providing total freedom of movement, without fear of losing the headset.

ComCom

Main features :

- Feather-light and long-lasting comfort
- Can be used with custom-molded (eShell) or generic ear shells
- Noise-cancelling boom microphone enables clear speech transmission, even in noisy environments
- Two microphone versions available:
 - Standard boom (short arm). Suits active users.
 - Close-talk boom (long arm). Must be placed in front of the mouth. Suits very high-noise environments.
- Speaker inside noise-isolating ear shell guarantees excellent speech comprehension
- EarJack plug enables accurate perception of surroundings (several plugs available)
- Foam microphone sleeve, reduces wind noise and protects against dirt and water
- Compatible with glasses, helmets, hats and other headgear
- No battery (powered by radio/phone) means headset is always ready to use



General Features

- Weight** ComCom: 10g
- Marking** Unique user ID on eShell
- Accessories** Attachment clip
Adapters for cordless or mobile phones
PTT adapters for radios
Carrying case



Standard boom microphone (short-arm) Close-talk boom microphone (long-arm)

Technical Specifications

Standard boom microphone (short arm)

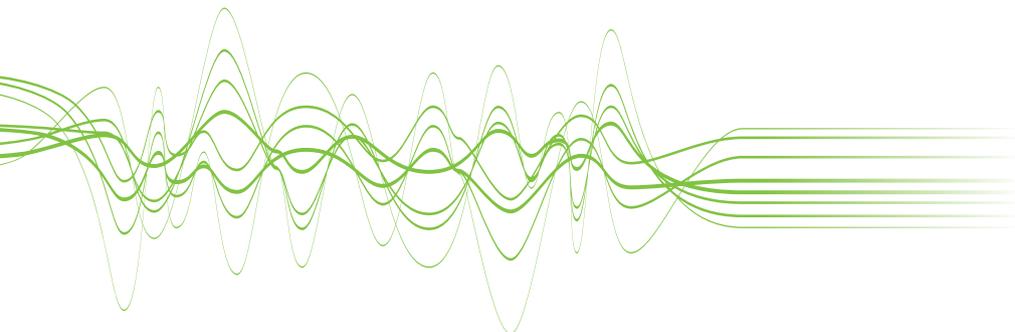
Microphone sensitivity	-44 (± 4) dB re. 1V/Pa at 1 kHz
Microphone supply	2.0V - 6.0V (1.3V - 4.0V with EarJack headset LIM Boom phone 2.5/3.5mm)
Microphone type	Electret, noise canceling

Close-talk boom microphone (long arm)

Microphone sensitivity	-38 (+/- 4) dB re. 1V/Pa at 1kHz near field (6mm)
Microphone supply	1.3V - 10V
Microphone type	Electret, noise canceling, close-talk

Common specifications

Ear speaker sensitivity	94 dBA @ 150 mVRMS
Ear speaker impedance	50 Ω DC, 100 Ω @ 1 kHz
Maximum volume at ear speaker	100 dB(SPL)
Cable pull force	50 N
Operational temperature range	-20°C - +60°C
Electromagnetic compatibility (EMC)	EN 55022, EN 55024



ComCom configurable

ComCom configurable includes 3 main parts each available in several versions:

1. An ear shell
2. An earJack plug
3. An earJack headset

A list of available variants for each part is shown below. Please specify the exact configuration required when ordering.

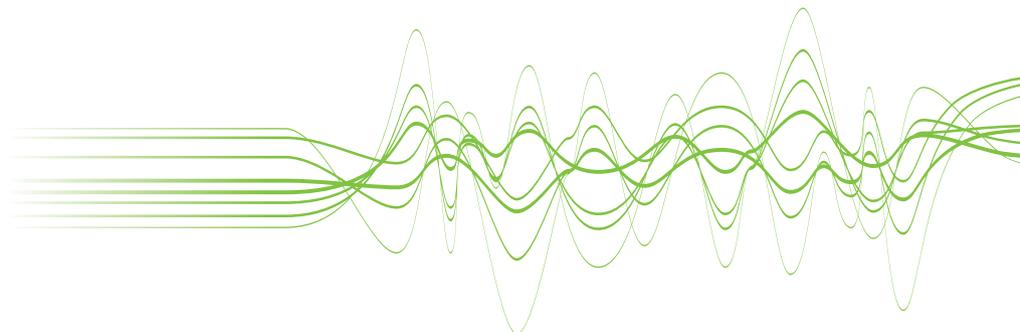


1. Ear shells

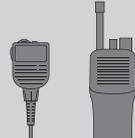
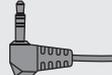
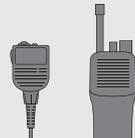
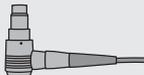
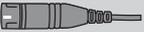
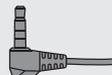
Configurable items	Description	Application
Custom ear shell (eShell) 	<ul style="list-style-type: none"> ▪ Individually molded ▪ Green, beige or blue color ▪ Left or right 	<ul style="list-style-type: none"> ▪ Highly comfortable fit ▪ Perfect to wear for long hours ▪ Note: the ComCom eShell is not a hearing protection mold!
Generic ear shells – Silicone 	<ul style="list-style-type: none"> ▪ Left and right ear shells ▪ 3 pairs of silicone eartips (S, M, L) ▪ 2 pairs of concha retentions (S, L) 	<ul style="list-style-type: none"> ▪ Perfect for occasional/short term use
Generic ear shells – Foam	<ul style="list-style-type: none"> ▪ Same as above, with foam eartips instead of silicone. 	<ul style="list-style-type: none"> ▪ Perfect for occasional/short term use
Generic ear shells – Complete	<ul style="list-style-type: none"> ▪ Same as above with 3 pairs of silicone eartips and 3 pairs of foam eartips. 	<ul style="list-style-type: none"> ▪ Perfect for occasional/short term use
No ear shells	The configuration "no ear shells" is intended for ordering an earJack headset as spare part for ComCom or Serenity SPC	

2. EarJack plugs

Configurable items	Description	Application
Anthracite plug 	Closed plug	<ul style="list-style-type: none"> ▪ Best understanding of the incoming communication (even in noise). ▪ Default plug.
Red plug 	Plug with 1mm hole	<ul style="list-style-type: none"> ▪ Allows perception of the surroundings while listening to the incoming communication. Best suited for quiet environments.



3. EarJack headsets

Configurable items	Description	Application	Connectivity
EarJack headset LIM boom Binder 620 	<ul style="list-style-type: none"> Standard boom Cable 120cm Binder 620 connector 	<ul style="list-style-type: none"> Communicate in noise levels up to 90-95 dB SPL Connect to different types of radios through a standard 2" PTT See separate lists of 2" PTTs and radio compatibility 	
EarJack headset LIM boom 35M1	<ul style="list-style-type: none"> Standard boom Cable 120cm Jack 3.5mm/4 poles 	<ul style="list-style-type: none"> Communicate in noise levels up to 90-95 dB SPL Connect to different models of radios and remote speaker microphones 	
EarJack headset LIM boom 2.5mm	<ul style="list-style-type: none"> Standard boom Cable 120cm Jack 2.5mm/3 poles 	<ul style="list-style-type: none"> Communicate in noise levels up to 90-95 dB SPL Connect to different models of radios and remote speaker microphones 	
EarJack headset LIM boom Condor	<ul style="list-style-type: none"> Standard boom Cable 120cm Fischer connector 	<ul style="list-style-type: none"> Communicate in noise levels up to 90-95 dB SPL Connect to all Condor transceivers 	
EarJack headset LIM boom MicMute Condor	<ul style="list-style-type: none"> Standard boom MicMute switch Cable 120cm Fischer connector 	<ul style="list-style-type: none"> Communicate in noise levels up to 90-95 dB SPL Select between microphone always active or muted (press-to-talk) Connect to all Condor transceivers 	
EarJack headset LIM CloseTalk Binder 620 	<ul style="list-style-type: none"> Close-talk boom Cable 120cm Binder 620 connector 	<ul style="list-style-type: none"> Communicate in extremely noisy environments (up to 100-105 dB SPL) Connect to different types of radios through a standard 2" PTT See separate lists of 2" PTTs and radio compatibility 	
EarJack headset LIM boom phone 3.5mm	<ul style="list-style-type: none"> Standard boom Cable 120cm Jack 3.5mm/4 poles 	<ul style="list-style-type: none"> Communicate in noise levels up to 90-95 dB SPL Connect to several models of smart phones 	
EarJack headset LIM boom phone 2.5mm	<ul style="list-style-type: none"> Standard boom Cable 120cm Jack 2.5mm/3 poles 	<ul style="list-style-type: none"> Communicate in noise levels up to 90-95 dB SPL Connect to different wireless phones or mobile phones, either directly or through adapters Separate list of adapters and phone compatibility on demand. 	