

Voice Amplifiers

Toby Churchill Limited distribute two voice amplifiers manufactured by FalckVital, Norway. These voice amplifiers are designed to a very high specification, simple to use, and are a lightweight design.

A voice amplifier amplifies weak yet clear speech to a normal volume and can make conversing easier.

An amplifier can help:

- limit strain on the voice
- reduce frustration
- give greater independence
- increase participation in everyday life

Voice disorders

People suffering from organic or functional voice disorders may benefit from using a voice amplifier.

The Falck 1001 and 1003 voice amplifiers can help those with congenital and acquired difficulties:

- voice loss
- damaged vocal cords
- Parkinson's Disease
- MS
- MND
- Huntington's Chorea
- laryngectomy
- stroke
- muscular disease
- psychological disorders
- hearing impairment

Use in various situations

Voice amplifiers have proven to be invaluable in many different settings, particularly where there is excess background noise or competition to be heard:

- conversations
- group situations
- in home
- in bed
- in hospital
- in the car
- in class
- outdoors

Amplifiers

FalckVital's voice amplifiers have a small discrete unit which incorporates the amplifier and an integrated loudspeaker. It is simple to use with the On/Off and Volume controls on the back of the box for easy access.

Note: all voice amplifiers require the microphone to be in close proximity to the mouth whilst speaking (within 20mm). The choice of model may be determined by the user's ability to position the microphone.

Beltclip or string options

The voice amplifier comes with a string that enables you to wear it around the neck and an optional beltclip.

Models

Falck 1001



The Falck 1001 has the microphone built-in on a bendable swan neck.

The unit can be handheld or worn around the neck.

The user must be able to position and maintain the microphone close to their mouth whilst speaking.

Falck 1003



The Falck 1003 is designed for hands-free use. The detachable microphone is mounted on a headset with a flexible arm making it easy to position it at the corner of the mouth.



Wearing the loudspeaker around the neck allows freedom to carry on other manual tasks whilst in use.

There is an optional lapel clip microphone for attaching to clothing, however the user must be able to raise and hold the microphone close to their mouth whilst speaking.



Please specify headset, lapel clip or both on order.

Falck Specifications

Microphone FMC8341

Sensitivity: 67 +/- 4dB
Direction: cardioid
Frequency range: 100 -16,000 Hz
Voltage: 1.5V
Current consumption: 0.5mA
Signal to noise ratio: >40dB

Voice Amplifier

Loudspeaker: 1W
Volume control: 32 steps logarithmic
Typical power consumption: 40mA
Charger: 12VDC 2.5W
Weight: 150 g
Typical operational time with fully
charged battery: 12 hours

Battery

Lithium-ion batteries: 2
Capacity: 600mAh
Charging time: 4 hours
No. of charging cycles: 1,500
Safety: Do not expose to temperatures
above +60°C

Output for external loudspeaker

3.5 mm jack socket with signal on
centre connector and ground on inner
connector.

TOBY CHURCHILL Limited
Norman Way Industrial Estate
Norman Way
Over
Cambridge CB24 5QE
United Kingdom

Tel: +44 (0) 1954 281 210
Fax: +44 (0) 1954 281 224