

Make the most of your Falcon...

Falcon can be used with a wide range of OVER-EAR products, including headphones and other transmitters.

Compatible with:



Harry



Bob



Joe



Donkey



Parakeet

OVER-EAR

WWW.OVER-EAR.COM



Falcon

Professional Portable Transmitter

WWW.OVER-EAR.COM

What's in the box

Transmitter, power cable & 3.5mm to RCA adapter



Transmitter



3.5mm jack cable



Power cable



RCA adapter

Falcon setup...



1

CHARGE UP

Ensure Falcon is plugged in (or fully charged for wireless use) and switched on.



2

MUSIC

Connect a source of audio (such as mp3, phone).



3

SWITCH ON

Choose between high or low power mode.



4

SELECT CHANNEL

Switch button to change channels.

MEET FALCON



1. 3.5mm audio input

Connect audio such as phone or mp3 player.

2. RCA audio input

Connect audio such as music from a laptop playlist, or movie from Blu-ray player. Use supplied RCA adapter (if needed).

3. Power light

IN USE

Red LED illuminates when transmitter is on.

CHARGING

[Power off] - LED illuminates green while charging, LED goes off when fully charged.

[Power on] - LED illuminates red.

4. Power switch

3 settings, Off/ Low Power/ High Power. Check RF power levels for each on your particular model with supplier. Transmitter always runs on low power when using internal battery (not connected to mains).

5. USB socket

For service engineer only. This socket is not for user. Please do not attempt to connect to this socket as doing so may cause damage.

6. BNC antennae socket

Connect supplied antennae here.

7. Frequency

Use this button to switch between different transmission channels (frequencies).

8. LED screen

This indicates which channel has been selected.

9. DC input

Connect to power.

TECHNICAL SPECIFICATION

Model Number:	OE2000		
Dimensions:	10.5cm x 9cm x 2.5cm		
Weight:	0.600g		
Sound:	Stereo, HD or SD Mode		
Frequency Response:	30-15,000Hz		
Channel Separation:	>40dB		
Modulation:	FM		
S/N ratio:	>70db		
Audio Input Voltage:	N/A		
Connections:	3.5mm jack/ RCA adapter		
Power Source:	9V DC/ 3.7V lithium Ion battery		
Charge Voltage:	9v		
Charge Current:	350mA		
Charge Time:	<4 hours		
Battery Life:	5 hours		
RF Power:	LO: 10dBm/ HI: 29dBm		
Antenna Gain:	5dBi		
Modulation Frequency Offset:	50KHz/ 600mVrms		
Op Distance:	300m (in open space)		
Working Current:	Low: 200mA /HI: 450mA		
Frequencies:	Custom i.e. 433MHz/ 863MHz/ 915MHz etc		

LED Colour Typical Frequency

	EU	USA	AUS
1	863.1MHz	914MHz	433.1MHz
2	863.7MHz	915MHz	433.7MHz
3	864.9MHz	916MHz	434.9MHz
4	N/A	917MHz	N/A

Please note frequencies and other specifications may be changed without notice.

If in doubt please confirm with supplier.

SAFETY INSTRUCTIONS

- Switch off and disconnect equipment from mains before cleaning.
- Do not repair or replace parts for any products.
- Do not use equipment if damaged by water, heat, physical impact etc.
- Do not use or store equipment in or near water, moist or hot environments.
- Keep away from radiators and heat generating electrical equipment such as screens and amps.
- Use only the supplied power cable and accessories with your product.
- Disconnect from power after charging and especially when not being used for long periods of time.
- Ensure that power connection is plugged in properly - not damaged, working within a comfortable temperature and not exposed to direct sunlight.
- Do not overload wall sockets.
- Failure to comply with safety guidelines can result in electrical shock, fire, damage to equipment and invalidate your warranty.
- If in doubt please contact dealer or manufacturer.



DO

Do use headphones and systems at comfortable and safe listening levels.

Do gently clean equipment between uses and users. Hygienic wipes and ear pad covers are available from your supplier.

Do feel free to expand your system. Mix and match with a variety of Over-Ear transmitters, headphones and receivers.

Do call, email or visit us for help and advice.



DON'T

Don't use 2 or more transmitters on the same channel - they won't work.

Don't use equipment near other wireless radio mics, transmitters etc. Frequencies can interfere and result in distorted or no signal.

Don't attempt to repair or modify equipment yourself. At best this invalidates your warranty. At worst this could seriously harm somebody.

Don't use headphones for extended periods of time.

TROUBLE SHOOTING

NO AUDIO / MUSIC?

Check your music playing device is working, connected correctly, playing music with volume turned up full.

Try a different device and audio cable.

Ensure receivers/headphones are switched on, connected to correct channel and have volume up.

SIGNAL CUTS OUT, INTERFERENCE OR REDUCED RANGE?

Ensure there is no interference caused by other wireless equipment in the vicinity.

If using 2 or more transmitters (or Falcon) simultaneously make sure each is on different channels (frequencies). You cannot use 2 transmitters on the same channel in the same place ever. They will cancel each other out, resulting in little or no signal. Make sure the transmitter is in range.

NO POWER?

Check the transmitter is fully charged and switched on.



NEED HELP?

Feel free to drop us a line at:
Support@over-ear.com