

# What's in the box

Transmitter, power cable & 3.5mm to RCA adapter



## Falcon

Professional Portable Transmitter

[WWW.OVER-EAR.COM](http://WWW.OVER-EAR.COM)



Transmitter



3.5mm jack cable



Power cable



RCA adapter

# 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



[WWW.OVER-EAR.COM](http://WWW.OVER-EAR.COM)

# 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:	<b>OE300</b>
Dimensions:	<b>105cm x 9cm x 2.5cm</b>
Weight:	<b>0.600g</b>
Sound:	<b>Stereo, HD or SD Mode</b>
Frequency Response:	<b>30-15,000Hz</b>
Channel Separation:	<b>&gt;40dB</b>
Modulation:	<b>FM</b>
S/N ratio:	<b>&gt;70db</b>
Audio Input Voltage:	<b>N/A</b>
Connections:	<b>3.5mm jack/ RCA adapter</b>
Power Source:	<b>9V DC/ 3.7V lithium Ion battery</b>
Charge Voltage:	<b>9v</b>
Charge Current:	<b>350mA</b>
Charge Time:	<b>&lt;4 hours</b>
Battery Life:	<b>5 hours</b>
RF Power:	<b>LO: 10dBm/ HI: 29dBm</b>
Antenna Gain:	<b>5dBi</b>
Modulation Frequency Offset:	<b>50KHz/ 600mVrms</b>
Op Distance:	<b>300m (in open space)</b>
Working Current:	<b>Low: 200mA / HI: 450mA</b>
Frequencies:	<b>Custom i.e. 433MHz/ 863MHz/ 915MHz etc</b>

## 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 apparatus including 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](mailto:Support@over-ear.com)