



# **SDPRO Series Silent Disco System**

## **User Manual**



**Order codes:**

**HF001 - SDPRO 3-Channel Silent Disco Headphones**

**HF002 - SDPROTX 3-Channel Silent Disco Transmitter**

## WARNING

### FOR YOUR OWN SAFETY, PLEASE READ THIS USER MANUAL CAREFULLY BEFORE YOUR INITIAL START-UP!

- Before your initial start-up, please make sure that there is no damage caused during transportation.
- Should there be any damage, consult your dealer and do not use the equipment.
- To maintain the equipment in good working condition and to ensure safe operation, it is necessary for the user to follow the safety instructions and warning notes written in this manual.
- Please note that damages caused by user modifications to this equipment are not subject to warranty.



#### IMPORTANT:

The manufacturer will not accept liability for any resulting damages caused by the non-observance of this manual or any unauthorised modification to the equipment.

- Never let the power cable come into contact with other cables. Handle the power cable and all mains voltage connections with particular caution!
- Never remove warning or informative labels from the unit.
- Do not open the equipment and do not modify the unit.
- Do not connect this equipment to a dimmer pack.
- Do not switch the equipment on and off in short intervals, as this will reduce the system's life.
- Only use the equipment indoors.
- Do not expose to flammable sources, liquids or gases.
- Always disconnect the power from the mains when equipment is not in use or before cleaning! Only handle the power-cable by the plug. Never pull out the plug by pulling the power-cable.
- Make sure that the available voltage 12V DC, 1A. (100-240V AC~50-60Hz power supply included)
- Make sure that the power cable is never crimped or damaged. Check the equipment and the power cable periodically.
- If the equipment is dropped or damaged, disconnect the mains power supply immediately and have a qualified engineer inspect the equipment before operating again.
- Repairs, servicing and power connection must only be carried out by a qualified technician. THIS UNIT CONTAINS NO USER SERVICEABLE PARTS.
- If the equipment has been exposed to drastic temperature fluctuation (e.g. after transportation), do not connect power or switch it on immediately. The arising condensation might damage the equipment. Leave the equipment switched off until it has reached room temperature.
- If your product fails to function correctly, stop use immediately. Pack the unit securely (preferably in the original packing material), and return it to your Pro Light dealer for service.
- This lighting fixture is for professional use only - it is not designed for or suitable for household use. The product must be installed by a qualified technician in accordance with local territory regulations. The safety of the installation is the responsibility of the installer. The fixture presents risks of severe injury or death due to fire hazards, electric shock and falls.
- WARRANTY: One year from date of purchase.
- Please note: Batteries are deemed consumable items which are warrantied against manufacturer defects for 90 days from date of purchase. Batteries have limited recharge cycles and may eventually need to be replaced by a Prolight authorised service centre. Battery life and charge cycles vary by usage and settings. Battery performance in service may be subject to a number of factors including temperature, battery age and power draw.

#### OPERATING DETERMINATIONS

If this equipment is operated in any other way, than those described in this manual, the product may suffer damage and the warranty becomes void. Incorrect operation may lead to danger e.g: short-circuit, burns and electric shocks etc.

Do not endanger your own safety and the safety of others!

Incorrect installation or use can cause serious damage to people and/or property.

### SDPRO 3-Channel Silent Disco Headphones

A 3-channel pair of silent disco headphones loaded with red, green and blue LED indicator lights that let you know which one of the three channels is active. Specifically designed for silent disco, the W Audio SDPRO headphones are unaffected by other wireless transmitters in the room and feature soft padded, comfortable ear cushions with built-in volume control. Charging the internal battery takes around 3 hours using the multi-charger (not included), after which the user may roam free around the event space selecting their favourite music source. The RF transmission system operates on 863-865Mhz in the license free CH70 spectrum.

- 3-channel silent disco headphones
- FM modulated UHF RF system
- RF frequency: 863-865Mhz
- Stereo audio transmission
- LED lighting: RGB
- Battery life: 8-10 hours
- Charging time: 3h (full charge)
- Power supply: rechargeable lithium-polymer battery (500mAh)



Specifications	SDPRO Silent Disco Headphones
Signal to noise ratio	>75db
THD	<1%
Frequency response	30Hz-20kHz
Channel separation	>35dB
Dimensions (H x W x D)	200 x 150 x 80mm
Folded dimensions (H x W x D)	150 x 110 x 80mm
Weight	0.22kg
Order code	HF001
Fixed frequency presets	863.1, 863.8, 864.9MHz

### SDPROTX 3-Channel Silent Disco Transmitter

A UHF transmitter for use with the W Audio SDPRO silent disco headphones. There is no limit for the number of headphones receiving from each transmitter, up to three transmitters maybe used if each transmitter is switched to a different channel allowing up to three audio sources to be played back to the audience. The RF transmission system operates on 863-865Mhz in the license free CH70 spectrum.

- 3-channel silent disco transmitter
- System: UHF / RF
- Modulation: FM
- Mode: Stereo
- RF frequency: 863-865Mhz
- Range: Up to 200 metres in 'low power' mode, 400+ metres in 'high power' mode
- Power supply: 12Vdc 1A (included)

Specifications	SDPROTX Silent Disco Transmitter
Transmitter dimensions (H x W x D)	35 x 185 x 140mm
Transmitter weight	0.29kg
Dimensions in case (H x W x D)	55 x 260 x 190mm
Weight	0.62kg
Order code	HF002
Fixed frequency presets	863.1, 863.8, 864.9MHz



In the headphone box:  
**1 x headphone**

In the transmitter box: **1 x transmitter, 1 padded case & 1 x 12V 1A UK power adaptor**

## Headphone Charging:

Before initial use, the headphones must be fully charged using the multi way charger (SDPR0MC - Order code: HF003). The headphones should also be recharged after use and stored fully charged.

1. Connect the multi charger to the charging jack (2) on the headphone.
2. While the headset is charging, the charge indicator light will illuminate Red, when the headphones are fully charged the indicator light will turn green. The working time for a fully charged headphone is around 8-10 hours, however this may be affected by external factors such as volume level, temperature and battery age.
3. Batteries in the headphones are deemed consumable items which are warranted against manufacturer defects for 90 days from date of purchase. Batteries have limited recharge cycles and may eventually need to be replaced by a Prolight authorised service centre. Battery life and charge cycles vary by usage and settings.

## Headphone Operation:

1. Slide the power switch (3) to the ON position.
2. Slide the channel selection switch (1) to select the desired channel, the headphones will illuminate Blue for CH1, Red for CH2 or Green for CH3.
3. Adjust the volume control (4) to the desired listening level.  
**CAUTION: Listening to audio on headphones at too high a volume for too long can damage your hearing.**
4. If no audio is received by the headphone from the transmitter, the headphones will mute after a short period of time.
5. Once operation is completed, slide the power switch (3) to the OFF position.
6. Recharge the battery and fold the headphones for storage.

## Transmitter Operation:

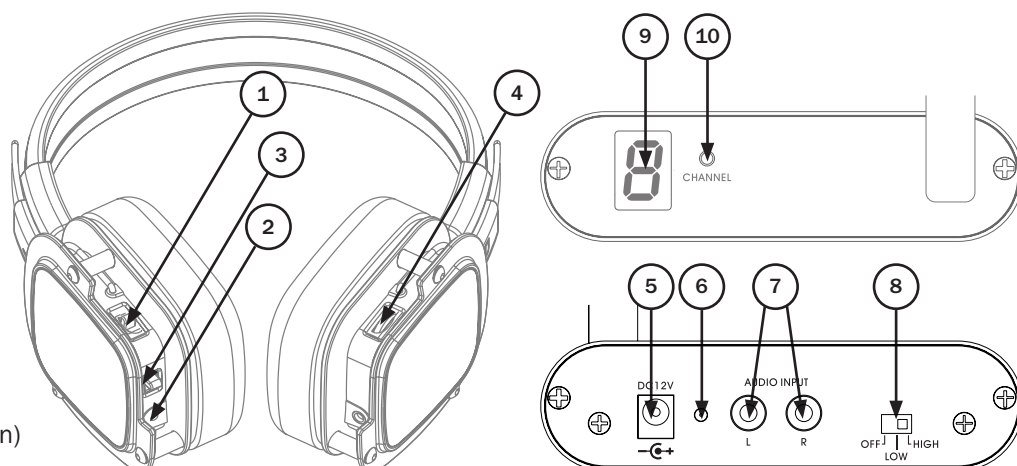
1. Connect the external audio source to the transmitters stereo line input via the L/R RCA phono type sockets (7).  
Switch on the external audio source and set the output to a standard line level taking care not to over drive the input.
2. Connect the supplied power supply to the DC input jack on the rear panel of the transmitter (5), the power indicator LED (6) will illuminate when the transmitter is switched on. The transmitter requires a regulated 12V DC 1A power supply (centre +).
3. Switch on the transmitter and select the required RF transmission power, LOW or HIGH (8). The LOW setting is designed for indoor applications up to 200m clear line of sight, the HIGH setting is designed for outdoor applications up to 400m+ clear line of sight.  
Note: Other RF sources such as radio microphones, wireless control systems and WiFi may affect the operation of the wireless headphone system.  
Note: Do not use the HIGH setting if the headphones are to be located in close proximity to the transmitter.
4. To ensure clear RF transmission, the transmitter should be located above head height away from metal structures.  
Clear line of sight with no obstacles or people between the antenna and the headphones will aid the best RF transmission.
5. Press the channel button (10) to select between channels 1, 2 or 3. The selected channel will be shown on the display (9).

## Headphone identification:

1. Channel selection button
2. Charger jack
3. Power ON/OFF switch
4. Volume control

## Transmitter identification:

5. DC 12V 1A power input
6. Power indicator
7. RCA phono type audio input
8. RF transmission power switch
9. Display (shows channel selection)
10. Channel selection button





***Correct Disposal of this Product  
(Waste Electrical & Electronic Equipment)***

**(Applicable in the European Union and other European countries  
with separate collection systems)**

This marking shown on the product or its literature, indicates that it should not be disposed of with other household wastes at the end of its working life. To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate this from other types of wastes and recycle it responsibly to promote the sustainable reuse of material resources.

Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take this item for environmentally safe recycling.

Business users should contact their supplier and check the terms and conditions of the purchase contract. This product should not be mixed with other commercial wastes for disposal.

