

X24

Item ref: 171.833UK

2.4GHz Wireless Plug-in System

User Manual



Version 1.0

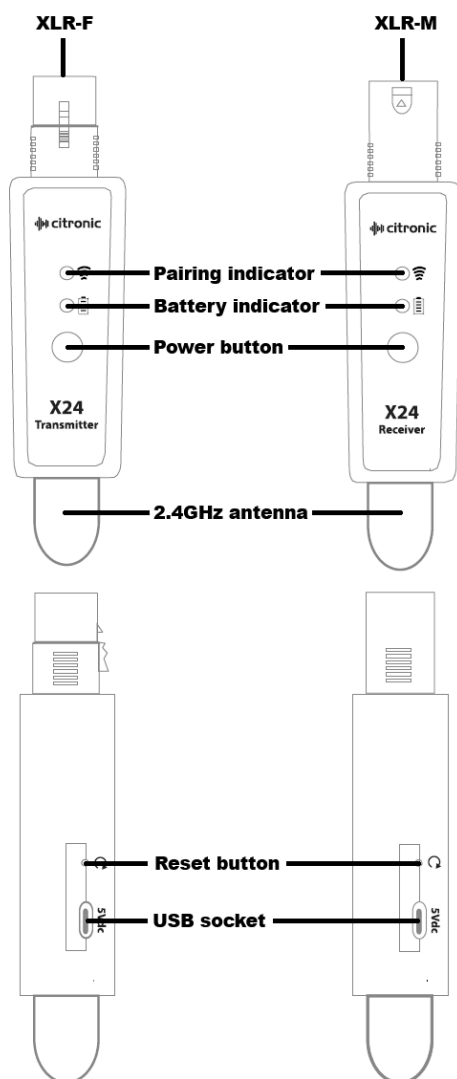


Caution: Please read this manual carefully before operating
Damage caused by misuse is not covered by the warranty

Introduction

Thank you for choosing the X24 set for your wireless microphone or audio signal requirements. This system is designed to provide a reliable, cable-free solution with minimal setup and ease of use. Please read and keep this user manual to get the best results from your product and avoid damage through misuse.

Setting up



The X24 set is supplied as a plug-in XLR-F transmitter and plug-in XLR-M receiver set, which can convert a wired microphone to wireless by plugging the transmitter into the XLR connector on the microphone and the receiver into the input of a mixing console or amplifier.

Alternatively, the system can also be used for a line level signal, for example – sending the output of a mixing console to an active speaker input. If this connection is via 6.3mm jack instead of XLR, the X24 system is provided with adaptors for both transmitter and receiver to convert to 6.3mm plugs.

Both transmitter and receiver are self-powered by an internal rechargeable battery. Before first use, these should be fully charged using a 5Vdc, 2A USB charger through the supplied twin USB-C lead. Maintaining a full charge helps to protect the battery.

Note: The USB connection is for charging only and does not carry audio.

Operation

When fully charged and connected to the microphone and/or audio equipment, ensure that volume controls on the receiving equipment is turned down before powering the X24 set on.

Press and hold the Power button on the transmitter and receiver for 3 seconds and the Pairing indicator will flash, then stay static when pairing is achieved. Pairing can be reset to a different transmitter or receiver by holding the Reset button on the side and then powering up within range of the new device.

The Pairing indicator can be Blue or Green in colour, switched by a brief press of the Power button on either transmitter or receiver. Blue indicates Microphone mode and Green indicates Line Level mode (or instrument, such as guitar). Ensure the correct level for the source that is being connected.

If a condenser microphone is being used, a double-press of the transmitter Power button enables phantom power to the XLR, with the Battery indicator lighting Green. Double press Power again to switch this function off.

Note: Do not use this feature with the 6.3mm adaptor.

When powered up, gradually increase the volume level on the receiving mixer or amplifier whilst speaking into the connected microphone or playing audio into the transmitter until the sound can be heard through the connected equipment.

If there is no sound, check the settings on all connected microphone, mixer, amplifier, or active speaker and check the pairing and level on the X24 set.

The X24 set provides up to 5 hours operation on a full charge, although it is advised to recharge the set after each usage. Multiple sets can be used together in the same vicinity, but must be paired individually one set at a time.

Note: the number of sets can be affected by any other 2.4GHz equipment nearby.

When not in use, power down both transmitter and receiver by holding down the power button for 3 seconds.

Disconnect from microphone and other audio equipment if not being used for long periods of time.

Specifications

Carrier frequency	2.4GHz band (frequency hopping)
Dynamic range	108dB
Batteries	Li-ion 300mAh (transmitter & receiver)
Latency	<15ms
USB port	USB-C (charging only)
Battery life	4-5 hours
Charging voltage	5Vdc (2A current capacity recommended)
Charging time (hours)	1.5 hours
Range	Up to 30m (in free air)
Dimensions: transmitter	113 x 30 x 24mm
Weight: transmitter	45g
Dimensions: receiver	110 x 30 x 24mm
Weight: receiver	43g



Disposal: The "Crossed Wheelie Bin" symbol on the product means that the product is classed as Electrical or Electronic equipment and should not be disposed with other household or commercial waste at the end of its useful life. The goods must be disposed of according to your local council guidelines.

Hereby, AVSL Group Ltd. declares that the radio equipment type 171.833UK is in compliance with [Directive 2014/53/EU](#)

The full text of the EU declaration of conformity is available at the following internet address:
<http://www.avsl.com/assets/doc/1/7/171833UK.pdf>

*Errors and omissions excepted. Copyright© 2025. AVSL Group Ltd.
Unit 2-4 Bridgewater Park, Taylor Rd. Manchester M41 7JQ*

AVSL (EUROPE) Ltd, Unit 3D North Point House, North Point Business Park, New Mallow Road, Cork, Ireland.