



Zero Delay HD Wireless

You can improve the distance and performance of your system by pointing antennas to different directions. Please note, that your transmitter will only work when there are 4 antennas connected.

The Meridian unique transmission system is specifically designed to transmit broadcast quality video through walls and floors from a moving camera. However, all microwave transmission systems will have their range dramatically reduced when attempting to transmit through objects such as concrete, steel, glass, water and the human body.

The internal circuit and antennas are highly tuned and tampering with them will damage the unit. Keeping as much as possible in 'line of sight' between the cameraman and the receiver will also increase your range.

The Meridian system has been designed so that it is as compact and light as possible for the operator to use. The casing of the Meridian system is durable and constructed to last, but care should be taken to avoid damaging the sensitive circuit board inside.

Before using the Meridian system for the first time, please check the following to ensure the unit hasn't been damaged during shipping.

1. Visually inspect outer casing, plugs and cables to ensure there is no damage.
2. Slowly rotate the unit to ensure all components are in place and nothing is loose inside the casing.

Region Settings

When region is set to US on the system, it complies with Part 15, of the FCC Rules, which declares: Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The Meriden system has been engineered to ensure a safe working environment for the operator at all times. With safety in mind, we have tested and will continue retesting the Meridian system to ensure we provide the safest system on the market.

Follow these safety precautions when using the Meridian system:

- Keep all ventilation holes clear and unblocked. Ensure that proper ventilation is provided at all times when in use.
- Do NOT insert objects of any kind into the ventilation holes as this may result in damage to the unit
- Do NOT use when wet and provide adequate cover when using in the rain.
- Do NOT use liquid cleaners or aerosol cleaners on the unit. Use a damp cloth for cleaning.
- Do NOT disassemble this product.

MERIDIAN QUICK START

Transmitter Set Up

Connect 4 antennas to the transmitter if not connected already.

1. If using a transmitter with a battery plate, place the transmitter on the back of the camera. Clip the camera battery on the back of the transmitter. This will power both the camera and transmitter. If using a transmitter without a battery plate use the power cable provided.
2. Connect the video from the camera to the transmitter. Note there are different inputs for HD-SDI / SDI, composite and component video.
3. If using SDI or HDSDI video the SDI embedded audio will be sent over the link.
4. If using composite or component video, plug the audio cable into your transmitter.

Receiver Setup

Connect 5 antennas to the receiver if not already connected.

1. Place the receiver on the back of the monitor. Clip the battery on the back of the receiver. This will power both the receiver and monitor. If not mounting the receiver on back of the monitor, you can power the unit via the 4 pin Hirose power cable.
2. Connect the video-out from the receiver to the monitor.
Note: there are different outputs for HD-SDI / SDI, composite and component video.
3. If using SDI or HD-SDI video-out, the embedded audio can be used for monitoring.
4. If using composite or component video, please use analog audio cables.
5. If using the 5 way antenna you can improve the distance and performance of your system by pointing the antenna in the direction of the camera.
6. With the transmitter still turned on, use the arrows on the right hand side of the screen to match the channel to what you previously selected on the transmitter. After about 5 seconds the screen should say "video present" and you should see a picture on your monitor and five signal strength bars on the LCD screen.
7. Now turn off the transmitter by removing the battery or holding the "*" button down for 3 seconds. Once the transmitter is turned off, look at the receiver LCD screen again to see if the same signal strength bars are showing any level. If they are, this means that there is some other device on your channel.

If service or repair is required, contact your reseller in the first instance, or Boxx TV Ltd by e-mail at sales@boxx.tv or call+44(0)845 643 2874. Do not attempt to open or service the unit yourself!