







Contents

•	Introduction	3
•	Safety Precautions	4
• /	Overview	5
•	Characteristics	6
•	Description Transmitter	7
•	Description Receiver	8
•	Scope of Delivery	9
•	Operation	9
•	Antenna Positioning	10
•	Features	11
•	Maintenance	15
•	Troubleshooting	16
•	Technical Specifications	17
•	Appropriate application	18
•	Regulatory Information	20
•	Notes	22



In all EU member states, the use of 5150-5250 MHz is restricted to indoor use.

AT	BE	BG	CZ
DK	DE	EE	IE
EL	ES	FR	HR
IT	CY	LV	LT
LU	HU	MT	NL
PL	PT	RO	SI
SK	FI	SE	

Welcome to the Family!

We are happy that you have chosen a DC-LINK wireless video transmission system from DwarfConnection! Please read this manual carefully before you start using your product. It is also available for download on our website: www. dwarfconnection.com.

Also read the safety instructions that come with your DwarfConnection product, as they contain more detailed information about product and personal safety!

The technology contained in this product, including the device itself and related software and trademarks, is protected by law. Any duplication or reproduction, in whole or in part, is prohibited without the written permission of the copyright owner. All third party trademarks or copyrights mentioned in this manual are the property of their respective owners

This manual is valid for: DC-LINK-CLR2, DC-LINK-CLR2.MKII DC-X.LINK-S1, DC-X.LINK-S1.MKII

Warranty

This product has a limited warranty of one year, starting from the date of purchase. Warranty may be voided by:

- Physical damage of the product
- Any damage caused by improper use, maintenance or storage
- Damage resulting from the use of incorrect power supplies
- Damage not related to the design of the product or the quality of its manufacture

For more information about warranty procedures please contact your retailer or simply ask us.

Safety Precautions

WARNING: READ BEFORE USE TO REDUCE THE RISK OF PERSONAL INJURY OR PROPERTY DAMAGE, INCLUDING DAMAGE TO YOUR TRANSMITTER/RECEIVER AND OTHER POTENTIAL HAZARDS.

HANDLING

Handle your DC-LINK system with care. You may damage the devices if you disassemble, drop, bend, burn, crush or otherwise subject them to unnecessary force. Do not use a device with a damaged enclosure. Using a damaged product may cause injury. Do not expose your devices to liquids of any kind! This can cause a short circuit and overheating. If your devices do come into contact with liquids, do not attempt to dry them using an external heat source. If the device comes into contact with liquid or corrosive chemicals, immediately turn off the power and remove the power supply. Do not operate the device near fire, gas lines or electrical mains or in high humidity or dusty surroundings.

Do not block or otherwise impede ventilation slots or unused connectors, as this may result in a short circuit, fire or electric shock.

DC-LINK systems are designed to work in ambient temperatures between 0° and 40°C / 32° to 100°F and should be stored between ambient temperatures of -20° and 60°C / 0° and 140°F. Ensure sufficient ventilation when operating your DC-LINK system in warm temperatures to prevent overheating. Do not leave your devices in places in which the temperature may exceed 60°C / 140°F as this may damage the product or pose a potential fire risk. Keep your device away from heat sources and out of direct sunlight. If your device becomes too hot, disconnect it from its power source if it is plugged in, move it to a cooler place, and do not use it until it has cooled. If you accidently operated your DC-LINK system at temperatures lower than 0° C / 32° F try to avoid condensation water: Do not allow your device to cool down in the cold! Put your device in the case immediately after turning it off!

CARE & CLEANING

Unplug the product and power adapter before cleaning, during lightning storms, or when unused for extended periods of time. Use a clean, soft, and dry cloth to clean devices and their accessories. Do not use any chemical detergent, powder, or other chemical agents (such as alcohol or benzene) to clean the product or accessories.

REPAIR, SERVICE & SUPPORT

Disassembling the devices may cause injury to you or damage to your device. Do not attempt to repair your DC-LINK system yourself. Opening your device voids warranty. If devices cease working or have been damaged, contact our support team.

PROLONGED HEAT EXPOSURE

Your DC-LINK system generates heat during normal operation and complies with applicable surface temperature standards and limits. Avoid prolonged, direct or indirect skin contact when the devices are in use because exposing skin to hot surfaces for a long period of time may cause discomfort or burns.

ENVIRONMENTAL RESTRICTIONS

To prevent damage to your DC-LINK system, do not use or store the devices or accessories in dusty, smoky, damp, or dirty environments. Leaving the devices in places in which the temperature may exceed 60°C / 140°F may cause damage to the devices or pose a fire risk.

RADIO FREQUENCE INTERFERENCE

Observe rules that prohibit the use of wireless technology in certain environments. Your devices are designed to comply with regulations governing radio frequency emissions but use of such systems can negatively affect other electronic equipment.

RECYCLING

Please recycle all packaging, devices and accessories in accordance with U.S. regulations.

Overview

The DC-LINK-CLR2 is a high-performance WHDI video transmission system which transmits uncompressed video and audio signals up to 300 m / 1,000 ft with no latency (< 0.001 s delay).

NOTE: The actual transmission ranges depend on setup, alignment and a variety of environmental influences. Also, the transmission power of the transmister affects the range of the receiver. Therefore, the transmission range of the X.LINK-S1 receiver can be significantly more with a ULR1 transmitter than with a CLR2.

Due to the conscious decision not to implement DFS (Dynamic Frequency Selection) the device has a longer range, greater stability and better usability than comparable systems that DO use DFS.

The transmitter and receiver both have 3G-SDI and HDMI connectors (Plug & Play). When a video source is attached, the transmitter automatically selects the input (SDI is prioritized). The receiver's 3G-SDI and HDMI outputs can be used simultaneously.

Characteristics

- Max. transmission range 300m/1000ft line of sight
- Rapid and reliable connectivity, no need for complex pairing
- Real-time transmission with no latency (< 0.001s)
- Uncompressed transmission. 10-bit, 4:2:2 transmissions via 3G-SDI and HDMI without format conversion
- Supports formats up to and including 1080p 60Hz
- 2- channel audio transmission, embedded audio transmission on CH1 & CH2 via SDI and HDMI
- Operates within the license-free 5GHz ISM band, frequency range from 5.1 to 5.9GHz
- Multicast support 1:1 or 1:n transmissions with up to four parallel systems
- Metadata and Time Code transmission*
- High grade aluminium casing: extremely durable and heat regulating
- Variable Input Voltage from 7,2-18,0V DC allows the system to be operated with a variety of batteries or power supplies
- Status displays for DC power, video and RSSI signal strength
- 1/4" tripod mount
- Battery adapter plate (V-mount / NPF) is available as an optional accessory and can easily be mounted to the back
- Plug-and-Play design. Ready to use without the need for complex configuration
- 1 Year warranty by manufacturer

^{*} Metadata support available for most cameras and industry standard video assist solutions (such as QTAKE).

Product Description

CLR2 Transmitter



- 1) 1/4" Tripod Mount
- 2) Antenna Connection: SMA (male) Connector
- 3) Menu Button
- 4) Control Buttons
- 5) OLED display
- 6) Power Switch
- 7) SDI-IN: 3G/HD/SD-SDI Input, (BNC Female Connector)
- 8) SDI LOOP-OUT: 3G/HD/SD-SDI Output, (BNC Female Connector)
- 9) HDMI-IN: HDMI Input (Type A Female Connector)
- 10) DC-IN: 7,2 18,0V DC
- 11) Mini USB: For firmware upgrade

Product Description

CLR2 and X.LINK-S1 Receiver



- 1) 1/4" Tripod Mount
- 2) RSSI Status Display: Signal Strength
- 3) Menu Button
- 4) Control Buttons
- 5) OLED display
- 6) Power Switch
- 7) HDMI-OUT: HDMI Output (Type A Female Connector)
- 8) Dual SDI-OUT: 3G/HD/SD-SDI Output, (BNC Female Connector)
- 9) DC-IN: 7,2 18,0V DC
- 10) Mini USB: For firmware upgrade

Scope of Delivery

DC-LINK-CLR2

1x Transmitter 1x Receiver 3x External Antenna 2x D-Tap cable 4pin 1x Magic arm with 1/4" screw 1x Hotshoe Mount Quick Start Guide USB flash drive with product manual DC-X.LINK-S1 1x Receiver 1x D-Tap cable 4pin 1x Magic arm with 1/4" screw 1x Hotshoe Mount Quick Start Guide USB flash drive with product manual

Operation

- 1. Connect the antennas to the SMA male connectors (2) of your devices.
- 2. There is a 1/4" tripod mount at the base of the transmitter if required.
- Power your devices with the enclosed power supplies or use the enclosed D-Tap cables to connect to a battery. Only use 4-pin cables provided by DwarfConnection to power your DC-LINK system! Other cables might cause damage of your products!
- 4. Turn on your devices.
- 5. Make sure transmitter and receiver are set to the same channel. Switch channels if necessary. (Find detailed instructions in "Features")

Signal Distribution

Connect the camera's SDI or HDMI output to the transmitter's SDI or HDMI input. If both SDI and HDMI inputs are active, the transmitter will prioritize the SDI signal.

Connect the receiver's SDI or HDMI output to the SDI or HDMI input of the monitoring/recording device. During active transmission, both the SDI and the HDMI output on the receiver can be used simultaneously.

Make sure that the antennas are connected firmly, and all other connections are stable. Only use high quality 7,2 - 18,0V batteries.

Antenna Positioning



Position the antennas on transmitter and receiver as shown in the illustration. This ensures the best possible RF performance.

Install the transmitter and the receiver as high as possible (at least 2 meters above ground level) to maintain a good line-of-sight. During operation, try to keep the transmitter and the receiver at similar heights.

Avoid obstacles such as walls, trees, water and steel structures between transmitter and receiver.

The connection is at its strongest when the flat surfaces of the transmitter and receiver face each other.

Find more information on how to optimize your wireless setup in the WHDI guide on our website.

Features

Menu Navigation

Use the MENU button to easily navigate through the sub menus of your DC-LINK device. Press several times until the referring indicator is flashing. Then use + and - to change the state and confirm with MENU.

OLED Display

The OLED Display shows all important information on the transmitter and the receiver. To make any changes to your settings, use MENU to navigate to the OLED Menu. Then use + and – to make your changes and confirm with MENU.



Received Signal Strangth Indicator (RSSI)

The RSSI display shows the strength of the signal, allowing the operator to check, if the system is working properly. On MKII devices, the RSSI lights are turned off in Dark Mode. To learn more about Dark Mode, please read the corresponding section of this manual.

Display	Status	Description
RSSI	0-1 LEDs	Radio signal strength is weak and artefacts are visible in the video signal
	2-3 LEDs	Radio signal strength is normal and video quality is good
	4-5 LEDs	Radio signal strength is very strong and video quality is very good

Choosing a Channel

To choose a channel on the transmitter/receiver press MENU and select with the + or - button. Press MENU again to confirm.

The system works on 10 channels in the license-free 5 GHz ISM frequency band, using numbers 0-9.

On MKII receivers you can choose from 41 different channels. This is due to Multi Brand Connectivity, which makes your DC-LINK receiver compatible with multiple other Brands. When working with a DwarfConnection transmitter, always use channels 0-9! To learn more about Multi Brand Connectivity, please read the corresponding section of this manual.

Transmitter and receiver have to be set to the same channel to work. If several systems are used at the same time, do not use neighboring channels to avoid interferences. A maximum number of 4 systems can be used simultaneously.

Master Channel Selection (for all MKII devices)

All receivers on the same channel will react to channel changes of the transmitter and follow automatically. Of course, a receiver can switch to another channel independently at any time.

Multi Brand Connectivity (for MKII receivers)

All MKII receivers are equipped with DwarfConnections's unique Multi Brand Connectivity Feature that makes them compatible with most common non-DFS WHDI wireless video systems on the market by letting you choose from different frequency sets. This is as easy as choosing a channel:

Use the MENU button to go to channel selection

Choose a channel from different frequency sets using the + and – buttons. The letter on your display shows the frequency set, the number shows the channel. The channels used by DwarfConnection transmitters, do NOT show a letter. Therefore, when working with a DC-LINK transmitter, choose from channel 0 to 9 on your receiver.

Besides the DwarfConnection frequencys there are 31 more channels: A0-A9, B0-B9, C0-C9 and CA. These frequency sets correspond with the channel sets, other manufacturers are using.

The channel sets and referring frequencies are:

0-9 (DwarfConnection): 5550, 5590, 5630, 5670, 5150, 5190, 5230, 5270, 5310, 5510

A0-A9: 5825, 5190, 5230, 5755, 5795, 5745, 5765, 5775, 5785, 5805

B0-B9: 5130, 5210, 5250, 5330, 5370, 5450, 5530, 5610, 5690, 5770

C0-C9 plus CA: 5150, 5230, 5270, 5310, 5510, 5550, 5590, 5630, 5670, 5755, 5795

DC-Scan

DC-SCAN is a spectrum analyzer of the 5 GHz band and shows how busy the respective channels are. Choose a free channel for proper performance before operating your DC-LINK system.

To enter DC-SCAN, connect a monitor to the HDMI output of your receiver, then

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press and hold the - button for 3 seconds. The frequency scanner is only available on the HDMI output. To leave DC-SCAN press and hold the - button again. When entering DC-SCAN from channel 0, it will also show you the antenna check. Green antennas show flawless operation, red antennas indicate that there is a problem. Possible reasons might be improper connection or defective antennas.

On Screen Display (OSD)

The OSD shows status information in case of transmission or signal problems. In live situations the OSD might be distracting or simply unwanted. Therefore, it can be turned off: Press the MENU button several times to navigate to the OSD menu and select the desired state by using the + or - button. Confirm your selection with MENU. An indicator on the OLED display of the receiver shows the OSD state.

On MKII devices a Record Indicator within the OSD shows, whether the camera is recording or not.

NOTE: This feature is bound to meta data support*.

Fan Control & Cinema Mode

Fan control allows you to turn the fans of the devices on or off to keep them cool but also prevent unwanted noise. Press MENU to navigate to the fan menu and select the desired state by using + or -.

AUTO indicates cinema mode, which triggers the fans using the start / stop flags of the camera. Once you hit record, the fan will stop, ensuring total silence. After recording, it will turn back on automatically. Cinema mode is bound to metadata support* and only available with active SDI connection. $\sqrt{}$ switches the fans on permanently. X switches the fans off.

CAUTION!

For a long product life, we highly recomment NOT to operate your DC-LINK with permanently switched off fans. Whenever you are operating your devices without cooling, monitor the temperature and make cooling breaks when the indicator on your display is flashing (60°C / 140°F). THE DEVICES DO NOT HAVE AN EMERGENCY OUT!

If you allow your devices to get too hot, you might cause serious damage of your equipment.

Dark Mode

Dark Mode turns off any lights on your DC-LINK device. Press and hold + for 3 seconds to (de)activate Dark Mode. When in Encryption Mode, all receivers will react to changes made on the transmitter and follow into or out of Dark Mode.

* Metadata support available for most cameras and industry standard video assist solutions (such as QTAKE).

Encryption (for all MKII devices)

In encryption mode, the transmitter sends an encoded signal that only linked receivers can read, making it easy to protect confidential content that is not meant for everyone's eyes.

To activate encryption mode, press and hold the MENU button on your device to enter the encryption menu. Use + or – to check either ON or OFF and confirm with MENU. The main menu will show either ENC or ENC to indicate whether encryption is on or off.

To link your devices, set your transmitter and all the receivers to the same channel, then activate encryption on your transmitter. All receivers will follow into encryption mode automatically. Settings remain active after turning your devices off. This means that ENC can be prepared prior to shooting and will stay active unless you turn it off.

A linked receiver does not HAVE to stay linked. To take a receiver out of the encrypted system, simply turn off ENC. Then you can easily access another (unencrypted) transmitter's images by choosing the referring channel within seconds. To link back to the previous (encrypted) transmitter, turn ENC on again.



IMPORTANT:

Switching back and forth between two encrypted systems is not possible. You cannot slip into an encrypted wireless system, if your receiver was not initially linked to the transmitter. If you want to add a new receiver to an encrypted system, you need to link the whole system again.

Reducing Transmitter Power

On ULR1 and LR2 transmitters it is possible to reduce the transmit power, for example to avoid interferences due to too short distances.

Use MENU to navigate to the transmit power display (superscript number next to the channel display). Adjust the transmit power with + and - and confirm with MENU. The number shows the transmit power in %. The lowest possible transmit power is 10 %.

Maintenance

Please do not attempt to repair, modify or alter these devices under any circumstances.

Clean the devices with a soft, clean, dry and lint-free cloth. Do not open the devices, they contain no user-serviceable parts.

Storage

The devices can be stored at temperatures between -20°C and 60°C. For longterm storage, please use the original transport case and avoid environmental conditions such as high humidity, dust, or excessively acidic or base surroundings.



WARNING!



To ensure your own safety, please use only high-quality brand name batteries, and follow the safety instructions provided by the manufacturer.

Troubleshooting

	Possible Cause	Possible Solution
No video output	Lack of power	Check power supplies of transmitter and receiver and ensure that all cables are connected properly and that there is sufficient power.
	Antennas	Ensure antennas are not damaged and are firmly connected. Please use the DC-Scan to check.
	Video connection cable	Examine the transmitter's "Video" LED display. If the LED is dark, check the HDMI or SDI connection cable.
	Frequency selection	Ensure that the transmitter and receiver are set to the same channel.
	Unsupported video format	Make sure you using a supported video format.
Inadequate	Connections	Ensure that all SDI or HDMI cables are firmly connected.
video quality	Range is too great or signal is obstructed	Check how many "RSSI" LEDs are lit on the receiver. For decent quality, at least 2-3 LEDS should be lit. If only one is lit, the signal is weak and the distance between transmitter and receiver should be reduced. Alternatively, obstacles between the devices should be removed or another channel selected.
	Radio signal is experiencing interference	Open the DC-Scan and choose a free channel.
The devices do not seem to work	Dark Mode is enabled	Make sure Dark Mode is disabled.
	Encryption is enabled on one device	Make sure that ENC is disabled on all devices. If encryption is desired, still disable ENC on all devices first, make sure they are all on the same channel and re-enable ENC.
Low range on LR2 or ULR1	Reduced transmit power	Make sure that the transmit power (on the transmitter) is at 100%.

Technical Specifications

	Receiver	
	1x SDI Input (BNC female) 1x SDI Output (BNC female)	2x SDI Output (BNC female)
Connections	1x HDMI Input (Type A female) 2x Antenna (RP-SMA male) 1x DC Input (4-pin female)	1x HDMI Output (Type A female) 1x DC Input (4-pin female)
Power	7,2 – 18,0V DC	7,2 – 18,0V DC
Power Consumption	< 8 W	< 8 W
Dimensions (LxWxH), w/oAntennas	130,5 x 72 x 21,75mm 5.1" x 2.8" x 0.9"	140,95 x 100 x 22,4mm 5.5" x 3.9" x 0.9"
Weight	288,8g / 10.2oz	376,6g / 13.3oz
Supported Video Formats	1080p (60, 59.94, 50, 30, 29.97, 25, 24, 23.98) 1080i (60, 59.94, 50) 720p (60, 59.94, 50) 576i (50) 480i (59,94)	1080p (60, 59.94, 50, 30, 29.97, 25, 24, 23.98) 1080i (60, 59.94, 50) 720p (60, 59.94, 50) 576i (50) 480i (59.94)
Audio Format	SDI Embedded 2 Channel Audio 24bit/48kHz	SDI Embedded 2 Channel Audio 24bit/48kHz
Displays	0.91" OLED panel	0.91" OLED panel 5 LEDs for RSSI indicator
Transmitting Power	Less than 20 dBm	-
Receiver Sensitivity	-	- 75 dBm
Bandwidth	40MHz	40MHz
Operating Temperature	32 – 100°F (Operation) 0 – 140°F (Storage)	32 – 100°F (Operation) 0 – 140°F (Storage)
Certification	CE, RoHs, FCC	CE, RoHs, FCC

Appropriate application

The DC-LINK video radio system from DwarfConnection is a modular radio system based on WHDI (Wireless Home Digital Interface) technology, consisting of a transmitter and any number of receivers.

Different models of transmitters and receivers are available within the product group, which are compatible with each other and can therefore be combined to form a customizable video radio system.

The following sales units are available:

- DC-LINK-CLR2.MKII set (1x transmitter, 1x receiver)
- DC-LINK-ULR1.MKII set (1x transmitter, 1x receiver)
- DC-X.LINK-S1.MKII (1x receiver)
- DC-X.LINK-L1.MKII (1x receiver)

The intended use of the wireless systems is the wireless transmission of a video signal and metadata from a camera to a monitor via an HDMI or SDI connection. The transmitter is connected to a camera* or other image source* via an HDMI or SDI cable*. The receiver is connected to a monitor* or other device for signal processing or distribution* via an HDMI or SDI cable*.

The transmitter and receiver must be powered via a suitable power source of 7.2-18V. The following power inputs are available:

- 4pin socket
- 2-pin JST plug or V-mount battery holder

DwarfConnection offers the following accessories for the power supply:

- 12V power supply**
- D-Tap to 4pin cable
- 2pin to 4pin cable*
- NPF plate*

After switching on, the transmitter and receiver are set to the same channel by pressing the buttons. The transmitter then transmits the video signal and the camera's metadata to the receiver.

Due to the mode of operation (manual frequency selection), the use of DwarfConnection radio systems in the EU is restricted to indoor use and channels 4, 5 and 6. Any use contrary to these restrictions is considered improper. Compliance is the responsibility of the user. The manufacturer accepts no liability whatsoever.

In the standard operating mode, the radio signal is transmitted unencrypted. Encrypted operation (128 bit) is also possible in encryption mode. The manufacturer is not liable for damage caused by the loss of sensitive data.

The transmitter and receiver have active fans. These can be switched on and off permanently. The fan can also be operated in automatic mode. It then switches off when recording is started on the camera. Operation with permanently deactivated fans requires continuous monitoring of the device temperature in accordance with the specifications in the user manual. All ventilation openings on the housing must remain unobstructed at all times and proper operation of the fans must be ensured.

All devices (except those with internal antennas) have standard RP-SMA antenna ports. The use of antennas from third-party manufacturers is not recommended, as these may not comply with the legal guidelines and may exceed the limit of the legally permitted transmission power.

Mechanical manipulation of the devices may only be carried out in connection with the intended use of DwarfConnection original accessories and proper installation by a competent person in accordance with the manufacturer's instructions.

Proper use requires professional installation of the transmitter and receiver in accordance with the application. All devices have ¼" threads for fastening. The user is responsible for selecting an appropriate fastening method. All devices must be protected from moisture and humidity.

The manufacturer accepts no liability for damage caused by improper installation or moisture.

DC-LINK video radio systems are designed for use in the professional film and broadcast sector. Any operation outside this area of application or by non-professionals is not intended and does not correspond to the intended use.

The manufacturer is not liable for damage caused by improper use or incorrect operation.

This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities, or lack of experience and/or knowledge, unless they have been given supervision or instruction concerning use of the appliance by a person responsible for their safety. Children must be supervised to ensure that they do not play with the appliance.

*Not included in the scope of delivery ** Included with ULR1.MKII or X.LINK-L1.MKII only

Regulatory Information

Hereby, DwarfConnection GmbH & Co KG declares that the wireless video transmission system DC-LINK-CLR2.MKII as well as the identical receiver DC-X. LINK-S1.MKII comply with the directive 2014/53/EU. The full text of the EU Declaration of Conformity is available at www.dwarfconnection.com/certification.

DC-LINK systems do not have a DFS function. Please refer to country-specific requirements and guidelines regarding the operation of license-exempt 5GHz radio technology. The frequencies used by DwarfConnection (channels 0-9) can be found in the section "Multi Brand Connectivity".

U.S. Regulatory Information

Please find regulatory information, certification and compliance marks at the bottom of your DC-LINK product.

Regulatory Information: United States

FCC Regulatory Compliance

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the transmitting/receiving antenna.
- Increase the separation between equipment experiencing interference and transmitter/receiver.
- Connect the equipment into an outlet on a circuit different from that to which the transmitter/receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Responsible Party

DwarfConnection GmbH & Co KG Münzfeld 51 4810 Gmunden AUSTRIA

Contact: office@dwarfconnection.com

Changes or modifications not expressly approved by DwarfConnection could void your authority to operate the equipment.

This device complies with Part 15 of the FCC Rules. Operation is subject to the following 2 conditions:

- 1. These devices may not cause harmful interference.
- 2. These devices must accept any interference received, including interference that may cause undesired operation.

Radio Frequency Exposure

These devices meet the U.S. Federal Communications Commission's (FCC) requirements for exposure to radio waves and are designed and manufactured not to exceed the FCC's emission limits for exposure to radio frequency (RF) energy. To comply with FCC RF exposure compliance requirements, a distance of at least 25.5 cm should be maintained between the antennas of these devices and persons during device operation. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

EMC Compliance Statement

Important: These devices and their power adapters have demonstrated Electromagnetic Compatibility (EMC) compliance under conditions that included the use of compliant peripheral devices and shielded cables between system components. It is important that you use compliant peripheral devices and shielded cables between system components to reduce the possibility of causing interference to radios, televisions, and other electronic devices.



Notes



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www.dwarfconnection.com