

DIMENSION	WEIGHT	CONSTRUCTION	TRANSMISSION POWER	RANGE
12.5cm x 12.5cm x 4.8cm	0.72kg	Aluminium and Steel	Max 20 dB, ~ 100mW	up to 1200m

CONNECT

- Innovative control of Ape Labs products via smartphone, wireless DMX and KNX
- Bluetooth interface for connection to the smartphone (free app in the Google Play Store for Android and in the Apple App Store for iOS)
- Wireless DMX transmitter and receiver for wireless control of Ape Labs lights with a DMX console or DMX software
- When using two W-APPS, wireless DMX transmission can be established
- Receiver for wireless DMX signal which can then be output via the DMX Out
- Integrated battery with a running time of approximately 50 hours per charge
- Assignment of an individual DMX address per Ape Labs lamp
- Parallel operation of up to four W-APPS possible to control up to four DMX universes
- Carrying out firmware updates of the Ape Labs lamps and the W-APP via app
- DMX input and output: XLR 3-pin
- Powered by the included power supply or integrated battery



DMX

- Wireless DMX control of all Ape Labs lamps
- Each Ape Labs lamp can be programmed with an individual DMX address. The DMX address is set up using a smartphone app
- 8 bit or 16 bit DMX modes of the lamp are selected via smartphone app
- Generic RGBW 8 bit fixture or Generic RGBW 16 bit fixture can be used as a standard LED lamp (fixture).
- Transmission of up to 4 DMX universes possible at the same time using 4 CONNECT devices. The Ape Labs typical groups (1-4) each represent 1 DMX universe
- A wireless DMX bridge can also be built with 2 CONNECT devices. One device as a transmitter, the other as a receiver. Third-party brands with DMX input can be controlled via wireless DMX
- DMX 512 protocol
- Activating the wireless DMX transmitter function and selecting the groups (or DMX universes) is also possible at the touch of a button without a smartphone.
- When operated using a power supply, a power failure can be bridged for up to 50 hours. Battery life 50 hours
- CONNECT remains switched on when mains power returns
- XLR socket male and female 3 pin Neutrik
- Transmission power: Max. 20 dBm ~ 100mW (EIRP*)
- Transmission range: 1200 meters viewing range. Reduced performance when there are obstacles in the line of sight
- Frequency range: 2.4 GHz (2,400 – 2,485 MHz)



MOBILE APP

- App available in the Apple App Store and Google Play Store
- Control all lamp functions via app
- Create your own scenes and programs
- Setup of the lamps via app (assigning groups, DMX addresses, etc.)
- Query and extend the remaining battery life remotely
- Query the serial numbers
- Highlighting the lamps (flashing the lamps to maintain visual contact with the lamp that needs to be adjusted)
- Central music mode with built-in auto gain. A music level centrally controls all lamps at the same time. The incoming volume is automatically processed into usable bars for the music
- Free software updates from Ape Labs can be downloaded from the latest app in the respective app stores. These include the latest firmware updates for CONNECT and lamps with new features or bug fixes
- Regular expansion of the app functions by the Ape Labs community
- Transmission power: Max. 20 dBm ~ 100mW (EIRP*)
- Transmission range: 1200 meters viewing range. Reduced performance when there are obstacles in the line of sight
- Frequency range: 2.4 GHz (2,400 – 2,485 MHz)
- Range between CONNECT and smartphone: 10 meters



REMOTE

- For all Ape Labs products
- Communicates wirelessly in the 2.4 GHz band with the Ape Labs lamps
- All Ape Labs products can be divided into up to 4 groups and then controlled synchronously or separately
- 4 groups management
- Range: 30 meters (100 feet)
- Dimming
- Colour and program change
- Speed control and music mode activation
- Pairing between remote control with one or more lamps possible (no limit)
- 2.4 GHz (2,400 – 2,485 MHz)
- Max. 20 dBm ~ 100mW (EIRP*)
- Battery CR2025 included
- Remote control dimensions: 8.54 x 5 x 0.6 cm
- Weight remote control: 0.024 kg



KNX WITH ADDITIONAL KNX ADAPTER

- KNX smart home control is done with a KNX DMX adapter which is connected to the CONNECT via a DMX cable
- The KNX DMX adapter and the CONNECT are integrated into the building installation, the output DMX signal is fed into the CONNECT via the XLR socket
- KNX control takes place via DMX signal to the Ape Labs lamps
- Generic RGBW 8 bit fixture can be used as a standard LED lamp (fixture). Compatible with all Ape Labs lamps
- Works with all KNX systems
- The KNX-DMX adapter is mounted in the top-hat rail of the sub-distribution
- The CONNECT is permanently supplied with power via a power supply and positioned in the sub-distribution. Transmission range is approx. 1200 meters
- Ape Labs recommends having the installation carried out by a qualified electrician