

LINK-HUB

Wireless DMX and Vision Control hub

LINK-HUB connects a wired DMX console, wireless fixtures and Vision Control in one compact, battery-powered hub. Select TX to send console data wirelessly, RX to feed a wired DMX device, or APP to control compatible fixtures through a Vision network. CRMX and W-DMX support, optically isolated five-pin XLR input/output and latency below 5 ms make it a flexible interface for indoor stages, events and installations. Wireless DMX range is up to 400 m under suitable conditions. The 9000 mAh battery provides reference runtimes of up to 72 hours in TX/RX or 168 hours in app mode; USB-C charging takes approximately six hours. A belt clip and mounting threads simplify placement.



CONTROL & CREATIVE OPTIONS

DMX512 / RDM

INSTALLATION & CONNECTION

Rear belt clip; USB-C / 5 V DC / 2 A; 5-pin XLR IN / OUT



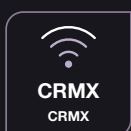
PRODUCT DETAIL



IP RATING

512

DMX CHANNELS



CRMX
CRMX

<5 ms

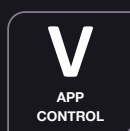
DMX LATENCY



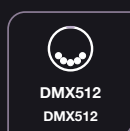
W-DMX
W-DMX

Up to 400 m

W-DMX RANGE



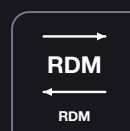
APP
CONTROL



DMX512
DMX512

Up to 72 h

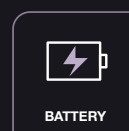
TX / RX RUNTIME



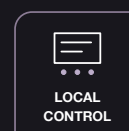
RDM
RDM

9000 mAh

BATTERY



BATTERY
BATTERY



LOCAL
CONTROL

0.42 kg

NET WEIGHT

LINK SERIES / EXTENDED SPECIFICATION

Technical specifications

Optics, effects, control, electrical and physical details.

CONTROL

Protocols	DMX512 / RDM
DMX mode	1 universe / 512 channels
Wireless	TiMo FX: CRMX / W-DMX / Vision
Signal connection	5-pin XLR IN / OUT
Wireless antenna	5 dBi / black / directional
Function	Wireless DMX TX / RX and Vision Control app interface
DMX channels	512 / 1 universe
DMX latency	<5 ms
DMX isolation	Optically isolated input / output
BLE sensitivity · 125 kbps	-103 dBm
BLE sensitivity · 1 Mbps	-95 dBm
Bluetooth transmit power	-20 to +8 dBm
W-DMX compatibility	G3 / G4S / FHSS 1100 hops/s
Normal 2.4 GHz RF power	100 mW
Maximum 2.4 GHz RF power	Up to 450 mW
Range · W-DMX	Up to 400 m
Range · Bluetooth	Up to 200 m with LINK-HUB / clear line of sight
Operating modes	TX / RX / APP
Wireless protocol selection	CRMX / W-DMX G3 / W-DMX G4S
Protocol setup	Local Link button; no CRMX Toolbox
Local buttons	Power / Link / Mode

ELECTRICAL

Power input	USB-C / 5 V DC / 2 A
Power connection	USB-C
Battery runtime · RX	Up to 72 h
Battery runtime · TX	Up to 72 h
Battery	Li-ion / 3.7 V / 9000 mAh
Charging time	6 h

ELECTRICAL

Battery runtime · app	Up to 168 h
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PHYSICAL

Protection	IP20
Dimensions · W × H × D	95 × 276 × 30 mm
Display	LED status indicators
Included mounting	Rear belt clip
Bridge kit	Optional / not included
Housing	Black aluminium
Net weight	0.42 kg
Mounting threads	1/4"-20 / M10 / M4
Belt clip	Rear belt clip
Body depth	30 mm
Depth including belt clip	38.2 mm
Drawing height including antenna	275.82 mm

OPERATION

TX operation	Wired DMX console to compatible wireless receivers
RX operation	Wireless DMX reception to wired XLR output
APP operation	Vision Control network for compatible fixtures
Vision Mesh gateway	Console DMX can control fixtures joined to the Vision network
App network requirement	Hub and compatible fixtures must use Vision Mesh
Mode memory	Returns to the last operating mode at power-on
Battery-level display	25 / 50 / 75 / 100% indicators
Status indicators	APP / TX / RX / PWR / APP LINK / DMX LINK / DMX DATA
Bluetooth switching	Bluetooth can be enabled or disabled locally
Wireless placement	Clear line of sight; obstacles reduce usable range

LINK SERIES / EXTENDED SPECIFICATION

Vision Control

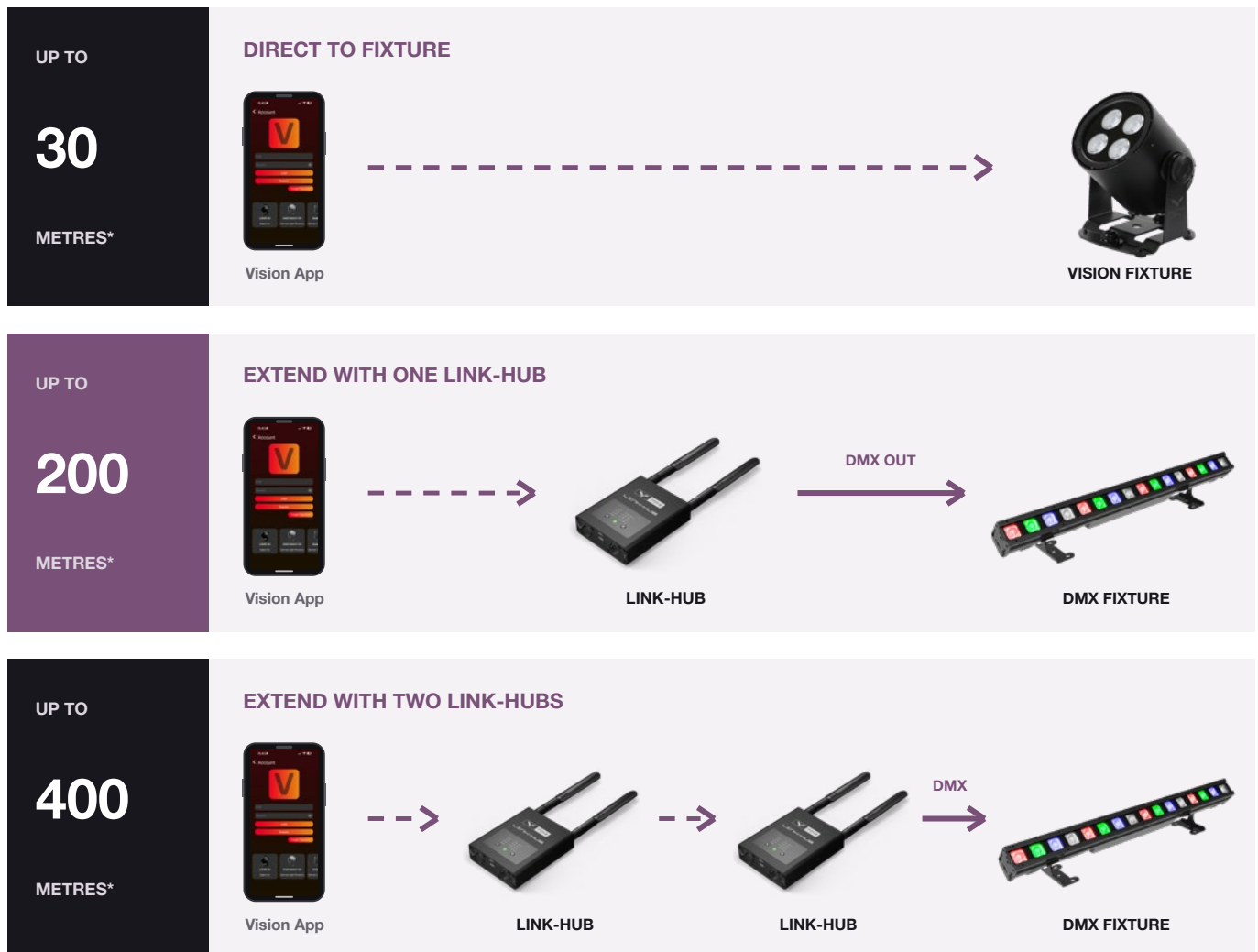
One app. Flexible connections. More room to create.



YOUR LIGHT. FROM WHERE YOU ARE.

Adjust colour and intensity, recall scenes, organise groups and run dynamic effects from your phone or tablet.

LINK-HUB can feed a fixture directly from DMX OUT. Add LINK-STICK receivers to extend control to more DMX fixtures.



*Open-field range with clear line of sight. Actual coverage depends on model, mobile device, antenna orientation, obstacles and radio interference.

LINK SERIES / EXTENDED SPECIFICATION

DMX output & expansion

Direct DMX control. Flexible wireless expansion.

LINK-HUB combines app control and wireless networking with a physical DMX output. Connect a DMX fixture directly, or add LINK-STICK receivers to bring more fixtures into the same setup.

DIRECT FROM LINK-HUB

Connect the fixture to LINK-HUB DMX OUT. No LINK-STICK is required.



EXPAND WITH LINK-STICK

Add LINK-STICK as a cost-effective receiver at additional DMX fixtures.



CONTROL & PATCH

Use Vision App for fixture profiles, DMX patching, groups, scenes and supported lighting controls.

RDM MANAGEMENT

Access supported device settings on compatible RDM fixtures through the control system.

BUILD YOUR NETWORK

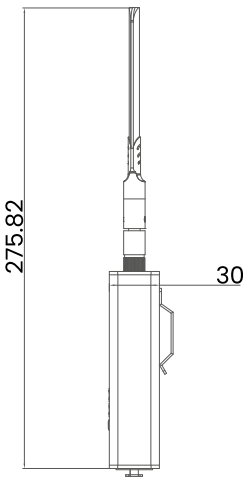
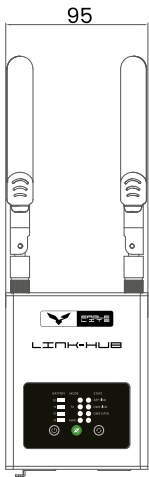
Choose direct DMX OUT or add LINK-STICK receivers. LINK-STICK offers a lower-cost expansion option than an extra LINK-HUB.

Dashed arrows: wireless connection. Solid arrows: physical DMX connection. FALCON BAR400 is an example; control functions depend on the connected fixture and selected profile.

LINK SERIES / EXTENDED SPECIFICATION

Dimensions & accessories

Product-specific dimensions, options and installation details.



Dimensions: 95 × 276 × 30 mm

Included mounting	Rear belt clip
Mounting threads	1/4"-20 / M10 / M4

