

Smart Tower

Dynamic battery operated event luminaire projecting 360°

ORDER CODE: **SMARTOWER**



Smart Tower is a new concept of outdoor portable pixel and decor luminaire, featuring a full cable-free operation and delivering a multitude of visual effects projecting a full 360°. **Smart Tower** consists of a vertical tubular housing with pixel battens on 4 sides delivering both colourful accent lighting as well as eye-catching visual effects through the many built-in pixel macros which can be easily individually customised. The unit is waterproof and equipped with on-board Wireless DMX and can be used anywhere from corporate events and weddings right through to showrooms.

MAIN FEATURES

- Battery operated 360° pixel controlled LED fixtures
- IP rated for outdoor events and with on-board wireless DMX
- Built-in and customisable pixel effects and static looks

SMARTOWERPACK

- 6 pieces of SMARTOWER
- 1 flight case with integrated battery charger kit
- 1 IR controller
- 1 PowerCON power cable

TECHNICAL SPECIFICATION

LIGHT SOURCE

- Light source: 360° projection with 4 pcs strips of 60x0,2 W RGB / FC LEDs working together
- Source: 4x60x0,2W RGB / FC LED

COLOUR SYSTEM

- Colour mixing: RGB / FC
- CCT: CCT control through dedicated DMX channel
- White presets: linear change from 2.600 K to 10.000K
- Colour wheel: virtual colour wheel with macros
- Macros: several pre-built pixel macros with adjustable speed

DYNAMIC EFFECTS

- Pixel patterns: pre-programmed dynamic and static patterns
- FX generator: adjustable foreground/background colour, index, speed, direction
- Static mode: selection of static colour
- Manual mode: manual adjustment of dimmer and strobe
- Auto mode: built-in programs with execution speed adjustment

BODY

- Hardware on-board: fixture for independent use, adjustable height of the base
- Body: sturdy die-cast aluminium body
- Body colour: black with white wash strips
- Other: stand-up usable as accessory for increase height of installation

CONTROL

- Control units: WDMX
- Protocols: DMX512
- DMX channels: 8 / 15 / 18channel
- Pixel control: 4 pcs strips pixel2pixel controllable all together
- Wireless Control: included, wireless solution receiver
- Display: Graphic User Interface
- Firmware upgrade: yes, via USB - DMX interface (UPBOX2) not included

ACCESSORIES & RELATED PRODUCTS

▪ C6002B	Slim aluminum clamp, 200kg loading, 48-51mm tubes, M10 bolt, Black
▪ FCLSMARTOWER	Flight case for 6 pcs of SMARTOWER
▪ RSR0630B	Steel security cable for hanging bodies, inox steel shackle, L=60 cm, black
▪ WSBBF1G5	BlackBox F-1 G5 transmitter, 2,45GHz & 5.2/5,8 GHz, DMX/RDM, 512Ch
▪ WSBBF1G6	BlackBox F-1 G6 transrec, 512ch, 2.45GHz, DMX&RDM,Bluetooth,G3,G4,G4S, G5, CRMX
▪ WSBBR512G5	BlackBox R-512 G5 receiver 512Ch, 2.45GHz & 5.8GHz, DMX/RDM optional

- Hibernation: power safe mode when lost DMX
- IR: infrared sensor controlled by remote (included in the pack, not included in single unit)

ELECTRONICS

- Dimmer: linear 0 ~ 100% electronic dimmer
- Strobe / shutter: 1 - 25 Hz, electronic
- Operating temperature: -20° ~ +40°
- LED Control: flicker free operation

BATTERY

- Battery: lithium battery 14,8V
- Estimated battery life in colour change mode up to: 12h
- Estimated battery life in single colour mode up to: 18h
- Estimated battery life in full-mode up to: 6h
- Re-charge time: 6h/max
- Battery status: shown on display

PHYSICAL

- IP rating: 65 for temporary outdoor application, not for fixed installation
- Cooling: passive cooling and fan-free
- Suspension and fixing: M10 threaded insert for easy clamp installation
- Signal connection: WDMX
- Power connection: adaptor base with external charger (included)
- Dimensions (WxHxD): 119x632x119mm
- Weight: 6kg

CERTIFICATIONS / APPROVALS

- Certifications / Approvals: CE, UKCA, RCM

▪ WSBBR512G6	BlackBox R-512 G6 receiver 512Ch, 2.45GHz,DMX&RDM,Bluetooth,G3,G4,G4S,G5,CRMX
▪ WDBBOX	WDMX battery transmitter, mini 5p DMX and WIFI IN, 2.4 GHz, 0.4 kg
▪ PRL-IRC	RGBWA IR controller, 29 buttons, manual/static colours, auto programs, fade
▪ STPOWER	Charger for SMARTOWER
▪ STUPBOX1	Interface between UPBOX2 and SMARTOWER for make firmware upgrade
▪ UPBOX2	Firmware uploader kit, USB IN, 3-pin XLR DMX OUT