



全新
2.4GHz
已发布



reddot award 2019
winner

BOLERO 无线内通系统

矩阵集成 / 独立使用 / 基于ST2110-30独立使用

THE TOUGH MULTI-TALENTED INTERCOM



Up to 250 beltacks and 100 antennas per Bolero Net

Intelligent use of bandwidth results in 10 beltacks per antenna

Decentralized SMPTE 2110-30 (AES67) IP-networked antennas

Fully re-programmable FPGA to handle future networks

Up to six full-duplex keys plus convenient REPLY button to last caller

Riedel-exclusive ADR receiver technology overcomes multipath issues

Modern high-clarity voice codec increases beltback to antenna density

Full Artist integration or standalone deployment

Next generation, digital, license free 1.9GHz DECT band

Integrated Bluetooth technology for wireless headsets or phone connection (DECT version only)

IP-65 environmental sealing



Integrated mic and speaker for headset-free operation

Can be used as a beltback, a portable desktop keypanel, or a walkie-talkie

NFC means no registration headaches! Touch the beltback to the antenna or another beltback and GO!

Tough, ergonomic beltback built to survive

Bottle opener – just in case!

ANTENNA	Bolero Active Antenna // DECT: BL-ANT-1010-19 // 2.4GHZ: BL-ANT-1008-24
No of beltacks per antenna	DECT: 10 // 2.4GHZ: 8
Radio frequency range	DECT: 1.880 - 1.930GHz (region dependent) // 2.4GHZ: 2.403 - 2.479GHz (region dependent)
Antenna radio coverage (diameter)	Indoor (structure dependent): max. ~200 m; outdoor (free line of sight): ~300-500m
Beltback to antenna range	Indoor (structure dependent): max. ~200 m; outdoor (free line of sight): ~150-250m
Beltback registration	1 touch NFC registration (beltback to antenna, beltback to beltback), OTA registration (over the air with PIN)
Network connection	SMPTE 2110 (AES67) IP or direct cable connection in standalone mode
Display type	High contrast E-ink display
Programmable transmission power	✓
Support of Layer 3 networks	✓
TTL Settings	Adjustable multicast TTL (1 to 255 / default 16)
DECT Master Priority	Configurable in WebUI
Network monitoring on antenna display	IP / daisy chain / closed ring
Power supply	PoE+ (802.3at, type 2, class 4, 15 to 30 W) or 10 to 57 VDC, 3 A
Power consumption	15W
Mounting points	Mic stand threaded socket 5/8" & 3/8" inside, spigot adapter with wing screw lock, Kensington lock hole, & screw hole for a safety wire mounting
Environmental	IP-53 protected against limited dust ingress and water falling as a spray at an angle of up to 60° from vertical
Operational temperature	-10 to 45 °C
Humidity	0-90%, non-condensing Ta=40 °C
Dimensions	210mm (W) x 66mm (D) x 190mm (H); 8.3" (W) x 2.6" (D) x 7.5" (H)
Weight	1320g

BELTPACK	Bolero 6-key beltback // DECT: BL-BPK-1006-19 // 2.4GHZ: BL-BPK-1006-24
Multi-path delay spread protection	Yes, ADR (Advanced DECT receiver)
Audio bandwidth	200 Hz to 7 KHz (-3dB)
Mode of operation	Full-duplex on all routes
Encryption	AES 256 bit encryption
Line in	40 Hz to 20 kHz, max. +12 dBu input level (local audio mix only)
Talk controls	4 pushbuttons + reply key + 2 walkie-talkie keys (PTT, Latching & Auto mode)
Volume / Level controls	2x rotaries + menu navigation
Display	High contrast sunlight readable full colour TFT display
Audio prompts	Out of range, Bluetooth connected / disconnected, battery low, volume change, Beltback registered / deregistered / not connected
No. of full-duplex audio paths	6 with individual level control
Handheld operation	Walkie-talkie mode
Vibrate module	Programmable vibrate indicates incoming calls and other notifications
Internal loudspeaker	Freq. <500Hz to >7kHz 80dB/SPL/0.5W/1m, @ <5% THD.
Remote health monitoring	Battery charge status, via web browser
Battery	Lithium ion removeable battery pack with user removeable clip
USB charging	USB Type C connector for beltback charging
Operation time	17 hours typical
Headset connector	4-pin male XLR, user replaceable
Microphone type	Electret (ca. 5V bias voltage) or dynamic, user selectable or automatic
Side-tone and microphone gain	Individually adjustable for each beltback & via remote control
Bluetooth	V4.1 (HFP - hands free profile, HSP - headset profile, A2DP - streaming profile) Bluetooth is not supported for 2.4G-Beltbacks.
Bluetooth phone call mix into intercom	✓
Lanyard anchor points	✓
Environmental	IP-65 environmental sealing; protected against dust ingress and water spray from all angles (with XLR connector plugged in)
Storage temperature	-20 to 50 °C long term; -20 to 60 °C short term
Operational temperature	-10° ... +40°C (device operating up to 55°C)
Humidity	0-90%, non-condensing Ta=40 °C
Dimensions	(W) 86mm, (D) 48mm, (H) 130mm; (W) 3.4" (D) 1.9" (H) 5.1"
Weight	420g inc. battery and clip

BATTERY CHARGER	5-bay drop in charger (BL-CHG-1005-R)
No of beltback slots	5
Beltback charge time	up to 3 hours
Charge status LEDs	1 per charge slot
Beltback display	% charged, charging time remaining, temperature, battery health
USB type A + C	For firmware update and charging a Phone or beltback via cable
Power socket	1x IEC
Power supply	100-230VAC / 50 - 60 Hz
Mounting	2x wall mounts or 19" rack drawer via optional accessory kit



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