

Consultix CW Transmitter Opt WTX-35B Option KV *Public Safety 150-400 MHz* option 2 or 4 Port is now field upgradable

New Updated Consultix 2 or 4 Port CW Transmitter Option WTX-35B-KV now supports Public Safety VHF on all 2 or 4 Port transmitters via field keycode upgrade.

ORLANDO, FL, USA, July 31, 2023
/EINPresswire.com/ -- New Updated Consultix 2 or 4 Port CW Transmitter Option WTX-35B-KV now supports Public Safety VHF on all 2 or 4 Port transmitters via field keycode upgrade. You can now test VHF 152 MHz-174 MHz which has the longest range/largest coverage area for for Public Band Safety. With the same WTX-35B 2 or 4 Ports Series base unit you test all other Public Safety UHF 450-470 MHz, T-Band 480 MHz, 700 MHz Public Safety's largest spectrum (24 MHz of dedicated spectrum) includes FirstNet. 800 MHz most widely used band across the US for Public Safety all in one 2 or 4 Port CW Transmitter for site surveys, CW modeling, antenna testing or proof of concepts.

Consultix's award-winning CellWizard™ Test Transmitters are setting the standard for next generation transmitters for indoor and outdoor applications. The wideband frequency operation allows a single device to be used for all bands and technologies either; from 150 MHz to 4.2 GHz, eliminating the need to purchase and carry multiple transmitters to the site. The superior RF performance and output level accuracy, make it the ideal solution for outdoor and Indoor propagation model tuning, and DAS injection tests. Multi-Port models allow user to utilize one transmitter to generate up to 4 CW signals simultaneously on the device's 4 ports. Each port operates totally independent from the other three and is wideband up to the entire frequency



The advertisement features a blue and white design. At the top, the Consultix logo is displayed. Below it, the text 'Consultix CellWizard™ CW Transmitter Family' is written, followed by the tagline 'One Transmitter... All Bands'. A central image shows a handheld transmitter with a screen and a microphone. To the left of the device, a blue box lists 'Wide-band Multi-port Hand-held' capabilities: '150 MHz to 4.2 GHz', 'CBRS', 'LTE', 'UMTS/HSPA', 'GSM/EDGE', 'CDMA2000/EV-DO', 'WiFi', 'WiMAX', and 'Public Safety/TETRA/LMR'. To the right of the device are the FCC and CE certification logos, along with a RoHS logo. Below the device image, two paragraphs of text describe the product's features and benefits. At the bottom, a headline states: 'New VHF Public Safety Option KV now field upgradable via keycode'.

Wide-band Multi-port Hand-held
150 MHz to 4.2 GHz
CBRS
LTE
UMTS/HSPA
GSM/EDGE
CDMA2000/EV-DO
WiFi
WiMAX
Public Safety/TETRA/LMR

Consultix's award-winning CellWizard™ Test Transmitters are setting the standard for next generation transmitters for indoor and outdoor applications. The wideband frequency operation allows a single device to be used for all bands and technologies either; from 150 MHz to 4.2 GHz, eliminating the need to purchase and carry multiple transmitters to the site. The superior RF performance and output level accuracy, +20 dBm standalone output power and +47 dBm with optional external amplifiers, make it the ideal solution for outdoor and Indoor propagation model tuning, and DAS injection tests.

Multi-Port models allow user to utilize one transmitter to generate up to 4 CW signals simultaneously on the device's 4 ports. Each port operates totally independent from the other three and is wideband up to the entire frequency range of the transmitter.

New VHF Public Safety Option KV now field upgradable via keycode

range of the transmitter.

If you are looking for a high-power output CW Transmitter for Public Safety 2 or 5 or 6 watt BDA's or Stadium-Venue CW testing, please refer to our Mini-Safari Series: The Mini Safari™ CW transmitter is a hand-held high-power signal generator particularly engineered for field applications such as propagation studies, small cells planning, DAS testing and coverage mapping. The Portable transmitter is available in different configurations; 5 Watts, 10 Watts or 20 Watts. The 5 Watt version comes as a single-port model (Mini safari-1) or a dual-port model (Mini safari-2). The 2 ports are identical, and each port covers the full range of frequency bands from 150 MHz to 2700 MHz with 5-Watt output power and delivers 2-Watt output power at the 3.5 GHz band. And optionally it can be upgraded to 10 Watts from 400 to 2700 MHz The 10- Watt model (Mini Safari-1CB) comes as a single port transmitter delivering 10 Watts across the whole frequencies from 600 to 4200 MHz, hence covering public safety bands, cellular bands reaching out to the C-Band with 1 device. And optionally it can be operated with 20 Watts at most of its operational range (option Mini Safari- 1CB-P20).

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Specifications:	WTX-05	WTX-35-A4	WTX-35-B
RF Characteristics			
Number of RF Ports	1	1	2 or 4
Frequency Ranges (Selected as per Ordering Information Below)	2.6 GHz, 2.4 GHz, 2.1 GHz, 1.9 GHz, 1.8 GHz, 900 MHz, 850 MHz, or 700 MHz Selections	300 to 3000 MHz 3000 MHz to 4200 MHz (Optional)	400 MHz to 2700 MHz 150 MHz to 400 MHz (Optional) 2700 MHz to 4200 MHz (Optional)
Number of Bands per Unit	Tri-band	Multi-band	Multi-band
Frequency Step	100 kHz	1 kHz	100 kHz
Modulation	CW or 3GPP WCDMA	CW	CW
3G UMTS Channels	CPICH, SCH, and PCPCH	N/A	N/A
Internal Frequency Accuracy		2 ppm (typ. 1 ppm)	
Min. Output Power		-10 dBm	
Max. Output Power	20 dBm @ 2.1 GHz 15 dBm @ 850 MHz and 900 MHz 11 dBm @ other bands	20 dBm @ (300 MHz to 2900 MHz) 15 dBm @ (2700.1 MHz to 4200 MHz)	15 dBm @ (150 MHz to 1800 MHz) 10 dBm @ (1900.1 MHz to 2700 MHz) 5 dBm @ (2700.1 MHz to 3500 MHz) 2 dBm @ (3500.1 MHz to 2700 MHz) 0 dBm @ (2700.1 MHz to 4200 MHz)
Power Accuracy		±1 dB (typ. ±0.5 dB)	
Scrambling Code	0 to 511		N/A
RF Output Interface		50 Ohm SMA Female	
Power Supply			
Input Power		0 to 14 VDC (Over Voltage Protection up to 28 VDC)	
Power Consumption	<14 Watts	<7 Watts	<14 Watts
AC Charger		Input: 100-240 VAC, 50-60 Hz / Output: 1.2 VDC, 2A	
DC Input		Power Jack 2.1 mm ID 5.5 mm OD	
Battery		Li-Pb, 2200 mAh	
Battery Operation Time (At Continuous Maximum Output Power)	105 Minutes (Field Exchangeable Battery)	>3 Hours (Field Exchangeable Battery)	105 Minutes (Field Exchangeable Battery)
Physical			
External Dimensions		L179 x W80 x H43 mm	
Weight		Weight < 700 gm incl. Battery	
Operating Temp		-10 to +40 C	
Certifications	FCC (EMC; EN55011, EN 61000-3-2, EN 61000-3-3 and EN 61326-1; LVD; EN 61010-1) RoHS		
Ingress Protection		IP65	
Standard Package	Transmitter, AC Charger, Hand Carrying Case and User Manual		
Ordering Information			
Wide-band CW Transmitter: 300 to 3000 MHz	WTX-35-A4		
Frequency Range License: 3000 MHz to 4200 MHz (For WTX-35-A4)	WTX-35-A4-K39		
4 port, Wide-band Transmitter: 400 MHz to 2700 MHz	WTX-35-B4		
2 port, Wide-band Transmitter: 400 MHz to 2700 MHz	WTX-35-B2		
2-Port to 4-Port Upgrade License (For WTX-35-B2)	WTX-35-B24		
Frequency Range License: 150 MHz to 400 MHz (For WTX-35-B2 or B4)	WTX-35-B-K9		
Frequency Range License: 2700 MHz to 4200 MHz (For WTX-35-B2 or B4)	WTX-35-B-K37		
Frequency Dwelling (Hopping) Mode (For WTX-35-B2 or B4)	WTX-35-FD4		
Tri-Band WCDMA/CW Transmitter (See Available Bands Above)	WTX-05-xxxxxx*		
3m RF Cable (SMA Male to Type-N Male)	WTX-Acc-C3N-3		
Multi-band Omnidirectional DAS Antenna (698 MHz ~ 2700 MHz)	WTX-Acc-DAD		
Multi-band Omnidirectional DAS Antenna (180 MHz ~ 6000 MHz)	WTX-Acc-DA1		
TETRA Whip Antenna (380 MHz-450 MHz) (Other Bands Available)	WTX-Acc-TA0		
Car Charger	WTX-Acc-CC		
Non-metal Tripod: 4.8 m (16ft), folds down to 1.3 m (5ft)* Incl. antenna mounting plate. (Other lengths available)	WTX-Acc-SLT		

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Consultix WTX-35B-2 or 4 Port CW Transmitter Data Sheet with all options

Phone: (877) 711-1757 • www.DAstronixusa.com

For more information about our products, application notes, promotions or a demo please contact us at [Sales@DAstronixusa.Com](mailto:sales@dastronixusa.com) to request a live demo or evaluation test drive if needed.

TRADE INTO THE ONLY 4-PORT DAS CW TRANSMITTER, UNCONDITIONAL UP TO \$2,900 CREDIT ON YOUR EXISTING UNIT

For a limited time

WITH MOBILE TECHNOLOGY CHANGING AT THE SPEED OF LIGHT, IT CAN BE HARD TO KEEP UP WITH ALL THE NEW DAS, PRIVATE NETWORKS FREQUENCY BANDS NEEDED TO BE TESTED/SIMULATED.

Test with confidence employing the only market leader "4-Port CW Transmitter from CONSULTIX". Perform your site surveys and DAS testing / commissioning using the only FCC certified transmitter in its class.

- Buy the only WTX35B-4 Port now FCC, CE, RoHS certified, first in its class.
- Trade-in of your older Praxsm, BVS, PCTEL, Seagull regardless of your transmitter state, condition, brand or number of ports or non working.

Own this amazing, CW hand held, battery operated, Transmitter that supports the increasing VHF/UHF, 150-700-800-900 MHz Public Safety demand or the new CBRS (3.5 GHz) for Private Networks from 150 MHz to 3.7 in the palm of your hand.
See datasheet for more information: <https://bit.ly/3HroMmm>

Buy the WTX-35B-4 Port CW Transmitter and trade-in your non or working CW Transmitter, while promotion last

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