

# Consultix WTX-35C-1 CW Transmitter (Public Band Safety) solves 1KHz resolution required for site surveys 60-1000 MHz

*Consultix WTX-35C-1 CW Transmitter solves the (Public Band Safety) 1KHz resolution required for site surveys 60-1000 MHz or up to 3700 MHz +20 dBm*

ORLANDO, FL, USA, June 17, 2024 /EINPresswire.com/ -- Since its founding in 2005, Consultix has helped re-define and grow the market of telecom test equipment for field applications. Besides its innovative handheld RF testers for general purposes, the company leads the market with the most comprehensive portfolio of testing and planning tools for the fast-growing IBS / DAS industry. Consultix product lines cover the entire project life cycle end to end; from design and verification, installation testing & commissioning all the way to long-term maintenance, optimization, and monitoring solutions. All over the world, our innovative range of solutions and services help operators, network vendors, and system Integrators achieve ultimate design performance, fast project deliveries as well as low OPEX.



**CONSULTIX**  
CellWizard™ WTX-35-C Transmitter  
60 MHz to 3700 MHz

**Wide-band Hand-held**  
All bands in one transmitter (60-3000 MHz)

- CBRS
- LTE
- UMTS/HSPA
- GSMEDGE
- CDMA2000E-VD0
- 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 operation frequency allows a single device to be used for all bands and technologies from 60MHz and up to 3 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.

<b>Performance</b>	<ul style="list-style-type: none"><li>- 0.5 dB Level Accuracy (Typ.)</li><li>- Outdoor Configurations (50 Watt Amplifiers)</li><li>- 1 MHz Frequency Resolution</li><li>- Up to 3 Hour Battery Operation</li></ul>
<b>Convenience</b>	<ul style="list-style-type: none"><li>- 60 to 3000 MHz Wireless Bands in a Single Unit</li><li>- Light Weight (&lt; 700g)</li><li>- Ergonomic Handheld Form Factor</li><li>- Tripod Mounting Options</li></ul>

[www.consultixwireless.com](http://www.consultixwireless.com)

Consultix's award-winning CellWizard™ Test Transmitters dedicated for Public Safety and Cellular bands are setting the standard for next generation transmitters for indoor and outdoor

applications. The wideband operation frequency allows a single device to be used for all bands and technologies from 60MHz and up to 3 GHz, eliminating the need to purchase and carry multiple transmitters to the site.

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If you don't do CW Commissioning of a DAS system it will cost you errors, money and down time.”

*Sam Valdivia*

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. CellWizard™ WTX-35-C Transmitter 60 MHz to 3700 MHz

Consultix CellWizard™ test transmitters are simply field-proof portable RF signal generators yet in a form that is battery operated and heavy-duty.


The CellWizard™ CW test transmitter product line is particularly designed for multi-band field applications such as In-building site modeling (model calibration), DAS injection/testing, walk-testing as well as outdoor path model tuning, thanks to its broad range of optional power amplifiers.

Consultix family of test transmitters provides precise RF test signals in several forms comprising CW, WCDMA, LTE modulations and simultaneous multi-port configurations. If you need multiport 2 or 4 Ports from 150 MHz-4 GHz please look at our flag ship model WTX-35B-2 or -4 Series. The Multi-Port models allow users to utilize one transmitter to generate up to 4 CW signals simultaneously on the device 4 ports. Each port operates totally independent from the other three and is wideband to the entire frequency range of the transmitter range.

If you would like to learn more about CW DAS testing send us an e-mail to request a series of white papers.

Examples: Indoor Coverage | The Risk of Skipping Model Calibration, CBRS & C-Band | What Radio Engineers need to know, 3.5 GHz Band | Planning & Test Practices, IBS Testing Pocket

Guide. Part 1, IBS Testing Pocket Guide. Part 2 (DAS RF Testing), IBS Designer Checklist, 6 Factors affecting CW Setup Accuracy, IBS Projects: 7 Reasons why CW Testing is Vital for Performance




Specifications:	
<b>RF Characteristics</b>	
Frequency Ranges (Selected as per Ordering Information Below)	60 MHz to 3 GHz
Frequency Step	1 KHz
Modulation	Continuous Wave (CW)
Internal Frequency Accuracy	2 ppm. (Typ. 1 ppm)
Min. Output Power	-10 dBm
Max Output Power	20 dBm @ 60 MHz to 2.2 GHz 15 dBm @ 2.2 GHz to 2.7 GHz 12 dBm @ 2.7 GHz to 3 GHz
Power Accuracy	±1 dB (typical ±0.5 dB)
Harmonic Spurious (All Measurements @ Max Output)	-40 dBc @ 60 MHz to 1.5 GHz (typ. -55 dBc) -50 dBc @ 1.5 GHz to 2 GHz (typ. -55 dBc) -60 dBc @ 2 GHz to 3 GHz
RF Output Interface	50 Ohm SMA Female
<b>Power Supply</b>	
Input Power	0 to 14 VDC (Over Voltage Protection up to 28VDC)
Power Consumption	<7 Watts
AC Charger	Input: 100-240 VAC, 50-60 Hz / Output: 12 VDC, 2A
DC Input	Power Jack 2.1 mm ID 5.5 mm OD
Battery	Li-Po 2200 mAh
Battery Operation Time	>3 Hours (At Continuous Maximum Output Power)
Battery Standby Time	450 Minutes (Typical 500 Minutes)
<b>Physical</b>	
External Dimensions	L179 x W80 x H43 mm
Weight	<700 gm (1.5 lbs.) Including Battery
Operating Temp	-10 to +40 C
Compliance	CE and RoHS
Ingress Protection	IP65
<b>Standard Package</b>	
	Transmitter, AC Charger, Hard Carrying Case and User Manual

Ordering Information	
Multi-band CW Transmitter: 60 MHz to 3000 MHz	WTX-35-C3
Multi-band CW Transmitter: 60 MHz to 1000 MHz	WTX-35-C1
Multi-band CW Transmitter: 700 MHz to 3000 MHz	WTX-35-C2
Band Upgrade of WTX-35-C1/2 to WTX-35-C3	WTX-35-CU
10 Watt Power Amplifier: 400 MHz to 2700 MHz. (Others Available)	PA-4027-40
3m RF Cable (SMA Male to Type-N Male)	WTX-Acc-CSN-3
Multi-Band Omnidirectional DAS Antenna (380 MHz - 6000 MHz)	WTX-Acc-DA1
Multi-band Omnidirectional DAS Antenna (608 MHz - 2700 MHz)	WTX-Acc-DA0
TETRA Whip Antenna (380 MHz-450 MHz). (Other Bands Available)	WTX-Acc-TA0
Car Charger	WTX-Acc-CC
Tripod 4 m (158 in.), Folds Down to 1.3 m (51 in.) (Other Lengths Available) (Including Antenna Mounting Plate)	WTX-Acc-4LT

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going beyond

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For more information about our products, application notes, promotions or a demo please contact us at [Sales@DAStronicusa.com](mailto:Sales@DAStronicusa.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, fist 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**

and Cost optimization please click on the link below to ask for a download of the white paper to be sent.

Sam Valdivia

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