

Designed, manufactured and serviced in the USA!

Falcon Direct

New *BlueBox-VX* gives portable radios the power of a mobile! Just connect the VX to a host mobile radio and you are ready to talk!



Price Guide B and M Series

BlueBox Base with internal VHF control link radio, AC power supply for the host mobile radio, flex antenna and custom cable (Radio not included) - \$895

BlueBox Mobile. Same as above except without AC power supply - \$695

CS101 VHF portable radio - \$149

BlueBox-VX gives your portable the power of a mobile!

Narrow banding caused two major problems for first responders, in particular volunteer fire departments! The first was a loss of page call reception and the ability to talk to dispatch. *BlueBox-VX B* provides a solution by using a base radio to communicate with dispatch with coverage extended to local area radios on a secondary frequency. The "local area" frequency is programmed into all radios and the problem is solved. You will need an FCC license, a base station radio and an antenna. The cost is nominal, and the problem is solved. *BlueBox-VX M* is for use with an associated mobile or base unit. The function is to give a VHF portable the same range capability as a mobile at distances of up to several miles from the mobile. This is a lot more efficient, and a lot less expensive than using expensive traditional vehicular repeaters. Call us at 800.489.2611 for more information!

Narrow band problem solved!

Our new *BlueBox-VX*, connected to a host mobile gives your associate portables talk power equal to the mobile! This is made possible by our unique lumped element Transplexer. This proprietary circuitry provides enhanced isolation in addition to RF signal rejection from the host mobile.

The result is a superior alternative to VHF-VHF mobile repeaters with better performance and less cost. The *BlueBox-VX* works well with frequency separations of as little as 3.5 MHz between the host mobile radio transmit frequency and the control frequency of the associated portable radio.

Your Choice – Mobile or Fixed!

Everything is included, and the *BlueBox-VX* is made and serviced in the United States of America. If you need a good VHF portable, our CS101 is very affordable and uniquely qualifies for our 3R service where you never pay more than \$89 for a repair, battery, cosmetic damage or all three! Call us for details!





The *BlueBox-VX* is not a vehicular repeater,

Technically, it might more correctly be called an Audio CrossConnect Transceiver (ACT). Technically, the ACT device consists of an internal analog VHF transceiver with receive and transmit audio terminated into an external accessory connector. What it can do is simply nothing short of amazing!

Phil Rich, CTO – Falcon Direct, Inc.

There are several models of the *BlueBox*. One model is designed to allow low cost VHF or UHF portables to talk through an associated mobile radio, such as the BK/Relm KNG series, on a trunked radio system like the MSWIN network in Mississippi. The *VX* model is designed to allow extended range from VHF analog portables through an associated mobile radio. The *BlueBox-VX* is supplied with a custom accessory connector that plugs directly to most BK/Relm, Hytera, ICOM, Kenwood, Motorola, Tait, TecNet, and Vertex mobiles, either analog or digital. The control radio can be any analog portable including our own CS101. A UHF model, the *BlueBox-UX* is optionally available at the same price as the *VX* model. A UHF version of the CS101 (the CS100) is optionally available.

Specifications	<i>BlueBox -VX</i>	CS101
Frequency Range MHz	142-174	136-174 MHz
Temperature range	-22 to +140 degrees F	-36 to +140 degrees F
Rx Intermodulation/Selectivity	-70dB / 65dB	-70dB / 65dB
Receiver sensitivity	.30 uV	.30 uV
Channel Spacing - Steps	12.5 kHz – 2.5 kHz	12.5 kHz – 2.5 kHz
Transmitter Power output	5 watts	5/1 watts
Dimensions/Weight	5.72 x 4.77 x 1.39" / 1.4 lbs.	3.70 x 2.20 x 1.27" / 8.3 Oz.
Antenna/connectors	6" Helical / BNC Female	6" Helical / SMA Female
Control Connector	Custom cable	Not required
External controls - connections	On/Off, Antenna, Radio & DC Power Interface	On/Off, Volume, Channel Select, Scan, Battery Check
CS101 control system	Open/CTCSS/DCS	Open/CTCSS/DCS

