



# Falcon Direct

The new *BlueBox SX* helps portable radios talk from anywhere inside the school to buses on the route with the full power of the office radio!

Designed, manufactured and serviced in the USA!



## The *BlueBox SX* Series:

School safety is all about communicating! In the school, in the buses, and with those who can quickly respond to emergencies.

The *BlueBox SX* (bottom left) provides a link between low cost (\$149) administrative portable radios and school buses from anywhere within the school. By adding a BlueBox to your existing office radio, you can have the power of the office radio in the palm of your hand!

The *BlueBox* is compatible with virtually any type or brand of office radio. Once connected, most any VHF or UHF analog portable radio can be used but the recommended choice is our incredibly small, lightweight TC-320. Candice, (Upper left) is wearing one. Can you see it? Go to [info4u.us/CS.jpg](http://info4u.us/CS.jpg) for a better view.

The incredible thing is that the little TC-320 can talk through the BlueBox to virtually any 2-way radio system including P25, MotoTRBO, or NXDN systems, even 800 MHz systems!

### Price Guide for BlueBox SX Series

BlueBox VHF or UHF	\$649
Custom mobile radio cable	50
Add portable control channel to existing portable(s) – First radio	38
Additional portables (same model)	8
TC-320 radio with neck lanyard	149

## **BlueBox SX is affordable and efficient!**

The primary use of the BlueBox SX is to extend connection to the office radio to allow personal 2-way radios to talk to buses on the route without coming to the office. By using the TC3-20 portable, we are able to significantly reduce the cost of administrative radios while simultaneously reducing maintenance and upgrade costs. For example, we offer a flat rate exchange program that guarantees you will never spend more than \$89 to repair a radio which includes cosmetic and firmware upgrades as well as a new battery! We also have an unbelievable trade in program. We will take your old radio (must be in working condition) in trade for a new TC-320 for a net exchange cost of just \$89. Additional radios cost just \$149 each. At this price, there is no reason not to equip every classroom teacher with a TC-320. Now that's what school safety is all about! For some more great ideas, see the reverse side!



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We Keep You Connected

Call us 24/7 at 800-489-2611

# BlueBox SX™



## The *BlueBox SX* for School Security

The BlueBox SX is ideal for providing improved portable to school bus communications. It can also be used to provide interoperability with law enforcement. We'll be telling you more about this application below.

Phil Rich, CTO – Falcon Direct, Inc.

Typically schools radios operate in the UHF frequency band. Law enforcement mostly operates on either VHF analog, or 700/800 MHz digital. A few agencies operate in the VHF band with digital radios, mostly DMR (Hytera or MotoTRBO). By placing a law enforcement radio in the school office, connected to a BlueBox, it is possible for UHF school radios to talk directly to law enforcement (agreement required). We can discuss this with you in more detail at your convenience. The TC-320 radio can be a good choice for both administrative and classroom use. However, we have another system that is better suited for classroom use. See [info4u.us/DES.pdf](http://info4u.us/DES.pdf) for additional information.

FEATURES AND SPECIFICATIONS

Specs / Features	BlueBox SX	TC-320 Radio*
Frequency Range MHz	450-490 MHz	450-490 MHz
Channel Spacing - Steps	12.5 kHz – 2.5 kHz	12.5 kHz – 2.5 kHz
Receiver sensitivity	.30 uV	.30 uV
Rx Intermodulation/Selectivity	-70dB / 65 dB	-70dB / 65dB
Transmitter Power output	5/2 watts	2 watts
Audio Power output	Not applicable	1000 mW
Dimensions/Weight	5.72 x 4.77 x 1.39" / 1.4 lbs	3.94 x 1.89 x 1.06" / 4.76 Oz.
Antenna/connectors	6" Helical/BNC	3" Helical/BNC
Battery Life / Channel capacity	Not applicable / 1	Over 9 hours / 16
External controls and connections	On/Off, Antenna, Radio Interface	On/Off, Channel Select, Volume control
Squelch System (RX/TX)	Open/CTCSS/DCS	Open/CTCSS/DCS

(\*) See [info4u.us/TC-320.pdf](http://info4u.us/TC-320.pdf) for product data sheet



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