



Falcon Wireless

New *BlueBox-HS* system combines the power of an existing mobile radio with *Sensear™* headsets to improve firefighter safety and system performance!

BlueBox-HS with Sensear, designed for firefighters!

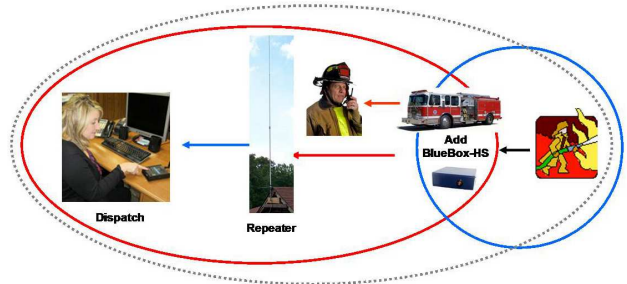


We've got the answer.....

To some major communications problems. The first is to get into NFPA and OSHA compliance for high noise (pump and siren) sound levels that degrade intelligibility, can cause hearing loss, and result in potential litigation. The solution? Equip your firefighters with *Sensear* headsets, like the one shown at the upper RH corner.

Add a top quality Hytera RP682 VHF or UHF radio with both analog and digital capability, plus a *Big Button controller* and you have the ultimate in firefighter clear talk communications, hearing protection, and situational awareness! The price is right – just \$949 for everything!

The personal communications system shown above is just part of the *BlueBox-HS* system. It can be purchased without the *BlueBox* (shown on the right), but when you learn what the *BlueBox* can do, you will agree that an investment of just \$949 could be one of the best things you can do to improve communications!



BlueBox-HS – Extends Coverage – Links Systems

The diagram (above right) graphically tells the story of the *BlueBox-HS* system. It starts with a firefighter needing clear communications, hearing protection, and ease of use. We provide him or her with the world's most unique headset (more about this on the reverse side), a MIL-SPEC radio with the highest standard in moisture protection and a *Big Button* to eliminate fumbling for a PTT button on the headset or radio. Then we add a *BlueBox* to the Engine radio for extending portable coverage and/or the ability to link UHF radios with VHF radios (or vice versa), or linking low cost VHF or UHF on-scene radios with trunked digital 700 or 800 MHz systems and/or DMR digital or older analog trunked radio systems. And, you get hearing protection plus intercom capability for the entire crew while enroute to the scene!



A Division of A2Z Communications, Inc.

Call us 24/7 at 800-489-2611

BlueBox-HS™ with Smart Muffs and PD682's.



Hi, my name is Phil Rich!

I'm the guy that puts things together and makes them work. The *Sensear Smart Muff* used in conjunction with the Hytera PD682 portable and our own BlueBox-HS is a good example. For under a thousand dollars per firefighter you can regain the range you lost with narrow banding, solve your interoperability problems, and provide enhanced hearing protection; an unbeatable combination!

Phil Rich, CTO – Falcon Wireless

There are two types of *Smart Muffs* – One model has an internal battery which should be charged separately from the radio every 12 hours. It has enhanced features like built in BlueTooth and short range radio. It can be used with virtually any 2-way portable. Our preference is the model that takes it's power from an associated radio, one with an accessory connector capable of transferring that power (like the Hytera PD682). The bottom line is that you can use a less expensive radio if you don't mind separately charging radios and you see some benefit in the use of BlueTooth or Short range radio. We also favor the use of the *Big Button*. It costs a few dollars more than using the radio PTT, but we think it's worth it. For a custom quote, give us a call at the number below.

Specifications	<i>Sensear Smart Muff</i>	BlueBox-HS
Frequency Range MHz	Direct wire, BT or 87-108 MHz	VHF or UHF
Channel capacity	Not applicable	1
Modulation	Digital	Analog or DMR digital
Associated radio	Hytera PD682	Customer owned mobile
Battery type/Operating life	Lithium-Ion – Up to 12 hours	Not applicable
Transmitter Power output	Not applicable	5, 4 or 2 watts
Weight with internal battery	15.9 ounces	1.4 lbs.
Dimensions	4.5 x 3.0 x 2.5" per muff	5.72 x 4.77 x 1.39"
Radio connector	Custom cable	DB25
External controls Connections	On/Off, Volume, Menu Radio Interface cable	Radio control head, Radio Interface cable
Recommended control radio	Hytera PD682	Any radio with MDC1200

