

# WIRELESS FIRST RESPONDER

The Wireless First Responder is a portable and affordable loudspeaker system designed to be used in a variety of both life-threatening and non-emergency law enforcement applications, such as:

- Hostage/Barricade Response
- Disaster Notification, Evacuation & Relief
- Community Event Public Address
- High-Risk Warrant Service
- Crowd Management/Addressing Protestors
- Cell Extraction
- Firearms Training/Range Communications

### Remote/RF Wireless Operations:

The Wireless First Responder System (Item# ETG-WFR-SYS) is supplied with a VHF Wireless Transmitter Pack and two different microphone options (lapel or headset) that may be used to transmit/project an operator's live voice to a single or multiple Loudspeakers (see Range Hailer Configuration) located up to 200 ft. away. The VHF Wireless Transmitter Pack may also be used to transmit/project pre-recorded messages or sounds by connecting the device to an external audio source (digital voice recorder, PC, MP3 player, etc...) via the supplied Audio Cable with 1/8" (3.5mm) Plugs.

The Wireless First Responder System is also supplied with a Remote Volume Control Dial accessory. This unique accessory allows an operator to remotely increase or decrease the volume output level of the audio being projected through Loudspeaker(s) during Remote/RF Wireless Operations. When set at maximum volume output level the Loudspeaker is capable of projecting audio at an approx. sound pressure level of 105dB!

The Wireless First Responder System's Remote/RF Wireless Operations capability is particularly valuable when responding to a dangerous situation such as an active-shooter or hostage/barricade standoff as it allows for the operator to communicate with the subject(s) while staying out of "harms-way" and under proper cover.



*Wireless First Responder Loudspeaker & VHF Wireless Transmitter Pack*

### Local/Wired Operations:

The Wireless First Responder System is supplied with a Handheld Microphone with 1/4" (6.35mm) Plug which may be connected directly to the Loudspeaker's MIC IN jack to allow the device to be used like a bull-horn. The Loudspeaker is also equipped with LINE IN jack to allow the device to connect to and project sound from an external audio source as well.

### 6 to 8 Hour Battery Continuous Run-Time:

The Wireless First Responder Loudspeaker is supplied with an internal rechargeable sealed lead-acid gel battery. When fully charged, this battery can power the Loudspeaker continuously for 6 to 8 hours. The Loudspeaker may be operated for an unlimited time when the device is connected to an external power supply via the supplied AC Power Charger/Adapter.

### Compact & Portable:

The dimensions of the Wireless First Responder Loudspeaker are 8.50 X 7.10 X 11.20" and it weighs less 9 lbs which makes the device highly portable. Each Loudspeaker is also delivered with a custom/padded deployment case to help protect the unit during operations in inclement weather conditions.

# WIRELESS FIRST RESPONDER COMPONENT SPECIFICATIONS

## Loudspeaker Specifications:

|   |  |
|---|--|
| <b>WEIGHT:</b>  | ~ 8.1 lbs (3.67 kg) with battery installed                   |
| <b>DIMENSIONS:</b>                                      | 8.50 X 7.10 X 11.20" (217.0 X 180.0 X 284.0 mm)              |
| <b>INPUTS:</b>  |  |
| <b>MIC IN:</b>  | 1/4" (6.35mm) TRS Jack, Unbalanced                           |
| <b>LINE IN:</b>   | 1/8" (3.5mm) TRS Jack, Unbalanced                            |
| <b>POWER:</b>   |  |
| <b>Power Supply:</b>                                    | 12vdc/2600mAh  |
| <b>Charge Time:</b>                                     | ~ 4 hrs  |
| <b>Operating Time:</b>                                  | ~ 6 to 8 hrs<br>(unlimited when connected to external power) |
| <b>A/C Power Adapter/Charger:</b>                       | 18vdc/3A   |
| <b>Mains Voltage:</b>                                   | 100-240v~, 50/60 Hz, 1.5A<br>(switching mode adapter)        |
| <b>INTEGRATED/INTERNAL VHF WIRELESS AUDIO RECEIVER:</b> |  |
| <b>Rx FREQUENCY CHANNEL:</b>                            | VHF Frequency: 169.445 MHz                                   |
| <b>MODULATION SYSTEM:</b>                               | FM   |
| <b>POWER SUPPLY:</b>                                    | Integrated with Loudspeaker Rechargeable Battery             |
| <b>POWER CONSUMPTION:</b>                               | 25mA   |

## VHF Wireless Transmitter Pack Specifications:

|                              |  |
|------------------------------|--|
| <b>WEIGHT:</b>               | ~ 6 oz. (170.10 g) with battery installed          |
| <b>DIMENSIONS:</b>           | 3.00 X 2.50 X 0.75"<br>(144.30 X 63.50 X 19.05 mm) |
| <b>Tx FREQUENCY CHANNEL:</b> | VHF Frequency: 169.445 MHz                         |
| <b>MODULATION SYSTEM:</b>    | FM   |
| <b>EFFECTIVE Tx RANGE:</b>   | ~200 ft.. (60m) Line of Sight (LOS)                |
| <b>INPUT:</b>                | 1/8" (3.5mm) MIC IN Jack                           |
| <b>POWER SUPPLY:</b>         | 9v Alkaline Battery (non-rechargeable)             |
| <b>POWER CONSUMPTION:</b>    | ~ 30mA   |



VHF Wireless Transmitter Pack with Remote Volume Control Dial



Wireless First Responder Loudspeaker  
(Item# ETG-WFR-LS)

## Microphone Specifications:

|                             |   |
|-----------------------------|---|
| <b>LAPTEL MICROPHONE:</b>   | Omni-Directional/Electret Condenser with 1/8" (3.5mm) Plug                  |
| <b>HEADSET MICROPHONE:</b>  | Omni-Directional/Electret Condenser with 1/8" (3.5mm) Plug                  |
| <b>HANDHELD MICROPHONE:</b> | Dynamic/Hyper-cardioid with 3 ft. (1m) Coiled Cable with 1/4" (6.35mm) Plug |



Lapel Microphone  
(Item# ETG-WFR-LM)



Headset Microphone  
(Item# ETG-WFR-HSM)



Handheld Microphone  
(Item# ETG-WFR-HHM)



# WIRELESS FIRST RESPONDER

## SYSTEM PRICE SCHEDULE

| Item #      | Description   | Price      |
|-------------|---|------------|
| ETG-WFR-SYS | <b>Wireless First Responder System</b> ; includes: Loudspeaker featuring Integrated/Internal VHF Wireless Audio Receiver with Custom/Padded Deployment Case and 12v Rechargeable Battery with AC Power Adapter/Charger; VHF Wireless Transmitter Pack with Remote Volume Control Dial and 9v Alkaline Battery; Lapel Microphone with 1/8" (3.5mm) Plug; Plug; Headset Microphone with 1/8" (3.5mm) Plug; Handheld Microphone with 1/4" (6.35mm) Plug; and Digital Voice Recorder with Audio Cable featuring 1/8" (3.5mm) Plugs and (2) AAA Alkaline Batteries   | \$1,499.95 |
| ETG-WFR-RH  | <b>Wireless First Responder System Range Hailer Configuration</b> ; includes: (3) Loudspeakers featuring Integrated/Internal VHF Wireless Audio Receivers with (3) Custom/Padded Deployment Cases and Custom Tri-Bank AC Power Adapter/Charger (capable of powering/charging (3) Loudspeakers simultaneously); VHF Wireless Transmitter Pack with Remote Volume Control Dial and 9v Alkaline Battery; Lapel Microphone with 1/8" (3.5mm) Plug; Headset Microphone with 1/8" (3.5mm) Plug; Handheld Microphone with 1/4" (6.35mm) Plug; Digital Voice Recorder with Audio Cable featuring 1/8" (3.5mm) Plugs and (2) AAA Alkaline Batteries; and Customized Tripod (capable of mounting (3) Loudspeakers simultaneously) | \$3,749.95 |



Wireless First Responder  
Range Hailer Configuration  
Custom Tripod



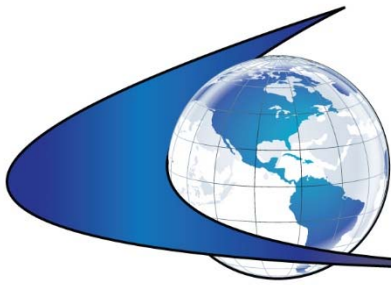
Wireless First Responder  
Range Hailer Configuration  
Custom Tri-Bank AC Power Adapter/Charger



Wireless First Responder  
Loudspeaker Custom/Padded Deployment Case  
(side view)

## ACCESSORY PRICE SCHEDULE

| Item #       | Description  | Price    |
|--------------|--|----------|
| ETG-WFR-LS   | <b>Additional/Spare Loudspeaker featuring Integrated/Internal VHF Wireless Audio Receiver</b> ; includes: Custom/Padded Deployment Case, 12v Rechargeable Battery with AC Power Adapter/Charger and Handheld Microphone with 1/4" (6.35mm) Plug. <b>NOTE:</b> VHF Wireless Transmitter Pack (Item# ETG-WFR-TX) required for Remote/RF Wireless Operations. | \$899.95 |
| ETG-WFR-LSRB | <b>Additional/Spare Loudspeaker 12v Rechargeable Battery</b>   | \$34.95  |
| ETG-WFR-TX   | <b>Additional/Spare VHF Wireless Transmitter Pack</b> ; includes: Remote Volume Control Dial, 9v Alkaline Battery and Lapel Microphone with 1/8" (3.5mm) Plug. <b>NOTE:</b> Loudspeaker featuring Integrated/Internal VHF Wireless Audio Receiver (Item #ETG-WFR-LS) required for Remote/RF Wireless Operations.   | \$549.50 |
| ETG-WFR-LM   | <b>Additional/Spare Lapel Microphone with 1/8" (3.5mm) Plug</b>  | \$59.95  |
| ETG-WFR-HSM  | <b>Additional/Spare Headset Microphone with 1/8" (3.5mm) Plug</b>  | \$69.95  |
| ETG-WFR-HHM  | <b>Additional/Spare Handheld Microphone with 1/4" (6.35mm) Plug</b>  | \$39.95  |



## SWAT WIRELESS NETWORK GATEWAY™ BOX



400 N. Broadway, 4th Fl.  
Milwaukee, WI 53202

Phone: 800-873-2872 Fax: 414-276-1533

Visit: [www.etgi.us](http://www.etgi.us)

# BROADCAST YOUR MESSAGE LOUD & CLEAR FROM VIRTUALLY ANYWHERE WITH THE SWAT NETWORK GATEWAY™ BOX!

The *SWAT Network Gateway™ Box* is innovative device which brings cellular connectivity to a Wireless First Responder Loudspeaker or other loudspeaker equipped with an amplified 1/8" (3.5mm) or 1/4" (6.35mm) **MIC IN** jack. \*\*

To utilize the *SWAT Network Gateway™ Box* the operator first installs an active T-Mobile® GSM Subscriber Identity Module (SIM) Card into the device and then connects the device to a Loudspeaker's amplified 1/8" (3.5mm) or 1/4" (6.35mm) **MIC IN** jack.

Once connected and powered on, the operator may use a cell phone or a landline to place an outgoing call to the telephone number of the T-Mobile® GSM SIM Card installed in the *SWAT Network Gateway™ Box*.

The outgoing call placed to the *SWAT Network Gateway™ Box* is automatically answered and voice of the operator will be projected through the Loudspeaker it is connected to.

*Since the operator's voice is being transmitted over a cellular network, the operator may be located virtually an unlimited distance away from the SWAT Network Gateway™ Box to project their messages/commands to the subject(s)!*

*Furthermore, an operator may utilize their cell phone or landline's "3-Way Call Service" as means to allow a remotely located 3<sup>rd</sup> Party Intermediary (TPI) to address the subject(s) as well!*



T-Mobile® Mini SIM Card Illustration  
(not included)

**\*\*IMPORTANT NOTE:** An active T-Mobile® GSM SIM Card/cellular service is required for SWAT Network Gateway™ Box operations (not included). A T-Mobile® GSM SIM Card/cellular service may be acquired directly from T-Mobile® as a part of a monthly service contract or through the purchase/use of a Prepaid T-Mobile® SIM Card. SIM Cards/cellular service from any other provider (Verizon, AT&T, Sprint, etc...) are NOT compatible with the SWAT Network Gateway™ Box.



SWAT Network Gateway™ Box

- Integrates Global System for Mobile (GSM) 2G Cellular Technology to Provide a Virtually **UNLIMITED** Operating Distance
- Supports Existing Cellular and Landline "3-Way Call Service" to Allow a Remotely Located 3<sup>rd</sup> Party Intermediary (TPI) to Address the Subject(s)
- Proprietary Circuitry Maximizes Projection Volume Output Level of Connected Loudspeaker(s)
- Compatible with Loudspeakers Equipped with an Amplified 1/8" (3.5mm) or 1/4" (6.35mm) "MIC IN" Jack
- May be Purchased Separately or as a Part of a Package (see price schedule for details)



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### PRICE SCHEDULE

| Item #         | Description  | Price      |
|----------------|--|------------|
| SWAT-SNGB      | <b>SWAT Network Gateway™ Box with Standard Components &amp; Accessories;</b> includes: Internal NiMH Rechargeable Battery Pack, NiMH Smart Charger, Audio Patch Cable with 1/4" (6.35mm) Plugs, Audio Patch Cable with 1/8" (3.5mm) Plugs and Custom/Padded SWAT Network Gateway™ Box Deployment Case. <b>NOTE:</b> Loudspeaker equipped with amplified 1/4" (6.35mm) or 1/8" (3.5mm) MIC IN jack required for operations.   | \$899.95   |
| SWAT-WFR-COMBO | <b>SWAT Network Gateway™ Box with Wireless First Responder System;</b> includes: <b>SWAT Network Gateway™ Box with Standard Components and Accessories</b> (see Item# SWAT-SNGB) and <b>Wireless First Responder System</b> which includes: Loudspeaker featuring Integrated/Internal VHF Wireless Audio Receiver with Custom/Padded Deployment Case and 12v Rechargeable Battery with AC Power Adapter/Charger; VHF Wireless Transmitter Pack with Remote Volume Control Dial and 9v Alkaline Battery; Lapel Microphone with 1/8" (3.5mm) Plug; Headset Microphone with 1/8" (3.5mm) Plug; Handheld Microphone with 1/4" (6.35mm) Plug; and Digital Voice Recorder with Audio Cable featuring 1/8" (3.5mm) Plugs and (2) AAA Alkaline Batteries   | \$2,299.95 |
| SWAT-RH-COMBO  | <b>SWAT Network Gateway™ Box Wireless First Responder System Range Hailer Configuration;</b> includes: <b>SWAT Network Gateway™ Box with Standard Components and Accessories</b> (see Item# SWAT-SNGB) and <b>Wireless First Responder System Range Hailer Configuration</b> which includes: (3) Loudspeakers featuring Integrated/Internal VHF Wireless Audio Receivers with (3) Custom/Padded Deployment Cases and Customized Tri-Bank AC Power Adapter/Charger (capable of powering/charging (3) Loudspeakers simultaneously); VHF Wireless Transmitter Pack with Remote Volume Control Dial and 9v Alkaline Battery; Lapel Microphone with 1/8" (3.5mm) Plug; Headset Microphone with 1/8" (3.5mm) Plug; Handheld Microphone with 1/4" (6.35mm) Plug; Digital Voice Recorder with Audio Cable featuring 1/8" (3.5mm) Plugs and (2) AAA Alkaline Batteries; and Customized Tripod (capable of mounting (3) Loudspeakers simultaneously) | \$4,649.95 |



SWAT Network Gateway™ Box connected to Wireless First Responder's Loudspeaker via Audio Cable with 1/4" (6.35mm) Plugs



T-Mobile® Mini SIM Card Illustration  
(not included)

\*\*IMPORTANT NOTE: An active T-Mobile® GSM SIM Card/cellular service is required for SWAT Network Gateway™ Box operations (not included). A T-Mobile® GSM SIM Card/cellular service may be acquired directly from T-Mobile® as a part of a monthly service contract or through the purchase/use of a Prepaid T-Mobile® SIM Card. SIM Cards/cellular service from any other provider (Verizon, AT&T, Sprint, etc...) are NOT compatible with the SWAT Network Gateway™ Box.