

# Police Wireless

## PW24

**Designed for use with most video and digital in car recording devices, the PW24 provides audio, a recorder trigger signal when the microphone is turned on, an optional in-car microphone, rechargeable battery, and a unique panic button. Easy to install and maintain, the PW24 can even be used to replace obsolete UHF and VHF wireless audio products.**

### **Transmitter...**

The PW24 uses a 2.4GHZ Digital Spread Spectrum transmission system. Custom designed for public safety, the PB24 is one of the smallest transmitters available at just over 2 inches in length. It provides excellent audio clarity and can be synchronized with any PR24 receiver.

### **Fail Safe...**

The transmitter has "in use" and "low battery" light indicators as well as built-in audio tone for out of range indication ensuring continuous operation. Its rechargeable battery allows six to eight hours of continuous operation or 14 days of standby time.

### **Panic Button for added support**

The PR24's unique "panic button" is one more way that law enforcement personnel gain a serious advantage with PW24. This button on the transmitter can be programmed



to open a K-9 unit door, turn on lights or another external cue to assist in the field with a touch of the button.

Each PR24 docking station has a charger which allows personnel to charge the transmitter in the vehicle. The transmitter synchronizes with the base when it is placed in the charger. So the base stays with the vehicle and the transmitter stays with the Officer. The system is the only one in the marketplace to allow 40 users to operate in one area without interference.

# Telex®

## PB24 Bodypack Transmitter



<b>Controls</b>	
On/Off Switch	
In Use Button	
Emergency Button	
<b>Indicators</b>	
Red LED	low battery indicator
Green/Red LED	In Use
<b>Battery</b>	
Battery Life	Internal Li-ion 3.7V/1300mAh cell
	8 hours In Use with full charge
	14days Standby
<b>Battery Recharge Time</b>	3.5 hours from full discharge
<b>Antenna</b>	
Internal	
<b>2.5mm Mic Connector</b>	
Tip	Signal
Sleeve	Ground
<b>Secondary Microphone</b>	
Internal	
<b>RF Output</b>	
Size	30 ~ 40 mW (typical)
	2.5 in. x 1.8 in. x 0.94 in.
	64 mm x 46 mm x 24 mm
<b>Weight</b>	74 g

<b>Indicators</b>	
INUSE LED:	GREEN
CHARGE LED :	CHARGING -> RED
	FULL CHARGED -> GREEN
<b>Connections</b>	
In Car Mic	2.5mm Mono Plug
<b>Unterminated Cord</b>	
RED	+12V DC Power
BLACK	Microphone Trigger (Ground=Transmit on)
WHITE	AUX (Panic) Trigger (+1.2V when emg pushed)
YELLOW	Left Channel (Inside Mic)
ORANGE	Power Ground
<b>Audio Connector</b>	
Tip	Inside Car Mic
Ring	Transmitter Audio
Sleeve	Audio Ground
<b>RF Specifications</b>	
Frequency Range:	2.4GHz
Number of Channels:	40 possible
Diversity:	Internal antenna
Receiver Type:	DSSS
RF Sensitivity:	-102 +/-3 dBm
	(I,Q signal level at -3dB point)
<b>FCC type acceptance:</b>	Approved under Part 15
<b>Audio Specifications</b>	
Frequency Response:	200 ~ 3400Hz +/- 3 dB
Audio Output Level:	3.6Vp-p
Distortion:	Less than 2%
Signal to Noise Ratio:	> 40 dB
Dynamic Range:	> 50 dB
<b>General Specifications</b>	
Range	800 feet typical
Power Supply:	External 12 VDC
Current Draw:	190mA Typical
Size:	2.75in x 2.99in x 3.15in
	70mm x 76mm x 80mm
Weight	233 g

## PR24 RECEIVER BASE STATION



### Police Wireless PW24 & Accessories

Model	Part #	DESCRIPTION
PW24	302039001	One PB24 transmitter and one PR24 receiver, no microphone
PB24	302039002	Bodypack transmitter with internal microphone, internal Li-ion battery cell, belt clip, no microphone
PR24	302039003	Receiver and recharge station, unterminated connection cable
TC-24	302039004	Optional TX Charger Base for PB24
KT24-ML	302039007	Lapel Microphone for PB24
PW24-MI	302039005	In Car Microphone