



# Strain Security Systems

## Spokane, Washington

# XM50

## Microphone transmitter



With access to the target room this battery operated microphone transmitter will provide crisp and clear transmission.

### XM50vox

For longer term surveillance where power has to be preserved the a voice activated transmitter is recommended. The XM50vox also has an adjustable audio triggering level for the internal microphone.

### XM50P and XM50Pvox

Where there is no access to the target room the XM50P probe transmitter is the solution. A gap of 2mm only is required to insert the 150 or 250mm needle microphone through floorboards, or keyhole, or under a door-frame or through a crack for successful audio monitoring. For longer term surveillance there is a voice activated transmitter, XM50Pvox, which has an adjustable audio triggering level.

### XM50Hvox for increased range

This high power voice activated transmitter is powered by a larger, more powerful, external battery to give an increased range.

## Features summary

### Microphone transmitters

- Designed for longer term surveillance
- Enables high quality audio reception
- Voice activated transmitter to extend battery life
- Room microphone transmitters - voice actuated (XM50vox, XM50Hvox)
- Needle microphones for limited access - voice actuated (XM50Pvox)
- Internal battery operated transmitter
- External battery for longer range (XM50Hvox)
- Adjustable triggering levels
- Compact design

## Specifications

### XM50, XM50vox, XM50P, XM50Pvox, and XM50Hvox microphone transmitters

#### Technical

<b>Frequency range:</b>	350 – 650 MHz
<b>Power output:</b>	30 mW XM50Hvox 75 mW
<b>Frequency stability:</b>	+/-5ppm
<b>Deviation:</b>	4 kHz.
<b>Modulation:</b>	Narrowband FM

#### Physical

<b>Microphone:</b>	Internal electret. XM50P and XM50Pvox external electret
<b>Probes:</b>	XM50P, XM50Pvox: 150 mm and 250 mm needle microphones
<b>Antenna:</b>	semi-flexible screw-in
<b>Controls:</b>	Power on/off; XM50vox, XM50Pvox XM50Hvox: Voice actuation
<b>Power supply:</b>	internal 3.6V Lithium battery XM50Hvox external 6 – 12V DC
<b>Size:</b>	30 x 25 x 18 mm
<b>Operational temperature range:</b>	-10 to +65°C

**Restricted For Law Enforcement Use Only**