

TXiR Pocket Transmitter

Frequency range	: 470MHz - 1000MHz
Switching bandwidth	: Up to 24MHz
Frequency stability	: Better than ETS 300-422
Number of frequencies	: 32 Pre-programmed
Output power	: 50mW nominal
Gain control range	: 28dB in 8 steps, plus 2 steps for 600Ω line input
Maximum input level	: +6dB gain setting 0, 600Ω
Frequency response	: 50Hz to 18KHz +/-1dB
THD	: <0.1% at working levels <0.3% at gain position 7 with -6dB input in overload
Battery	: 9V (IEC 6LR61) Alkaline
Battery life	: Typically 6 hours
Size	: 89 mm x 60 mm x 21 mm
Weight	: 135g
Operating temperature range	: -20 to +55 °C
Compliant to	: ETS 300422 EN 300445 (CE) FCC

CXiR Receiver

Frequency range	: 470MHz - 1000MHz
Switching bandwidth	: Up to 24MHz
Number of switchable frequencies built in	: Up to 32
Sensitivity	: -98dBm for 40dB SINAD
LED indicators for	: Low transmitter battery No carrier Diversity active receiver
CXiR supply range	: 7-18 volts DC, 150-55mA
System frequency response	: 50Hz to 18KHz +/-1dB
System THD	: <0.2% typical
Signal to noise ratio	: 96 to over 104dB
Size	: 98 mm x 60 mm x 18 mm
Weight	: 150g
Operating temperature range	: -20 to +55 °C
Compliant to	: ETS 300422 EN 300445 (CE) FCC

SwitchiR

Size	: 64 mm x 30 mm x 12 mm
Weight	: 30g inc battery
Battery required	: 6V (PX28L or equivalent)



The CXiR slots into the latest professional digital ENG camcorders including those from Ikegami, Panasonic, Philips and Sony. If your camera doesn't have a dedicated receiver slot, you can use the CXiR externally by employing the six pin Lemo™ adaptor, with an appropriate custom designed bracket to mount the receiver.

The CXiR receiver shown with adaptor for Sony SX digital camera. Adaptors (left to right) Ikegami (Panasonic), stand-alone six-pin Lemo™, Philips.



The CXiR fits easily into a typical documentary bag. A two-channel rack, which incorporates a slot for NP1 battery is also available.



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ENVOY. SOUND THAT WON'T LET YOU DOWN

Envoy invites you to take control

Audio's new Envoy range offers the superior sound quality you'd expect from such advanced products.

Yet it's so reliable and easy to use.

Thanks to Audio's new Switch*i*R infra-red remote control, you can wave goodbye to mechanical switching. Simply zap the button on the remote to control the settings and levels on the transmitter or receiver.

Envoy is also robust enough to stand up to the most demanding conditions out in the field.

Housed in tough aluminium casing, the units are designed for location sound recording and have been tested to perform at temperatures from -20°C to $+55^{\circ}\text{C}$.

Zap into purest quality sound

If you can change channels on your TV at home, you can use the new Switch*i*R infra-red remote control. (At 64 mm x 30 mm x 12 mm, it's small enough to fit onto your key ring). Use the remote to switch frequencies, check and change levels or test batteries on the TX*i*R transmitter or CX*i*R receiver. Unique to Audio.



Up to 32 frequencies

Audio's Envoy TX*i*R transmitter comes fitted with 32 frequencies custom-programmed in groups of eight to take the guesswork out of frequency coordination.

The TX*i*R transmitter's infra-red port allows the Switch*i*R to view and control:

- Frequency
- Battery status
- Turn on/off transmitter
- Microphone gain
- Serial number information
- And more

Brand new battery compartment designed to accommodate 6LR61 type 9V batteries via a self adjusting contact plate.

The TX*i*R is compact, lightweight and robust. The aluminium extruded case is hard-anodised and ano-printed with all the information you need out in the field.

Equally-spaced channels can lead to intermodulation problems, or 'birdies' on the sound. That's why Audio's Envoy TX*i*R transmitter comes fitted with up to 32 frequencies, custom-programmed in groups of frequencies to suit your needs whatever your location.

At just 135 g and 89 mm x 60 mm x 21 mm, the TX*i*R transmitter is compact and lightweight yet robust.

Small is beautiful

At 98 mm x 60 mm x 18 mm, the infra-red controlled Envoy CXiR is the smallest true diversity receiver in the world.

It slots into the Sony SX, Philips LDK120, Ikegami and Panasonic cameras with an easy-to-change adaptor.

And here's another neat idea from Audio. Never again will you lose important news stories or vital takes because of unexpected signal loss. We've built in LED indicators so you can always see if you have a signal and power.

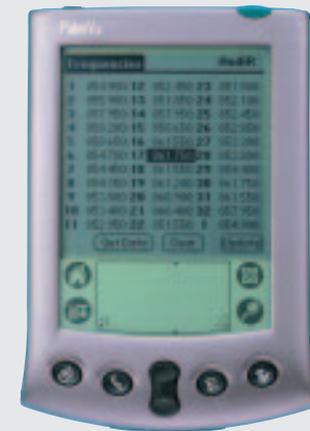
There are 32 switchable UHF frequency channels, all settable from the SwitchiR remote control.

So you'll always have the best possible chance of choosing a channel free from local interference.

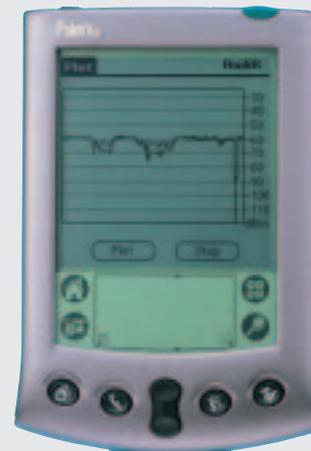
The AudiR for Palm application has been designed for use with the infra-red controlled systems in the Envoy range from Audio Ltd. The application is available as a free download from the www.audiold.com website. AudiR provides the comprehensive facilities which are normally found on large fixed site systems at far greater cost. AudiR has been designed specifically for the sound mixer on the move.



The **Scan** function on the pull down menu takes the guesswork out of finding a free channel in your location. The AudiR application allows the user to scan all 32 frequencies in the CXiR receiver, giving the user a bar-graph display of the scan, indicating the RF signal levels in dBm. The scan function effectively gives the sound mixer a dedicated handheld spectrum analyser.



Selection of the **Frequencies** screen on the pull down menu will display all 32 pre-programmed frequencies. To change frequency just select the desired frequency and click the update button, whilst pointing the infra-red port on the Palm at the receiver or transmitter. Simple.



The **Plot** function indicates the signal strength of the transmitter, allowing the sound mixer to perform a walk test to check for 'dead-spots' in any particular location.

The AudiR **Status** (not shown) screen displays all the parameters associated with the CXiR receiver or HXiR hand held transmitter.

Simply point the infra-red port of the Palm device at the infra-red port on the receiver or transmitter from a distance of 20 cm and click on the get data button. The Palm device downloads all of the parameters of the device being interrogated.