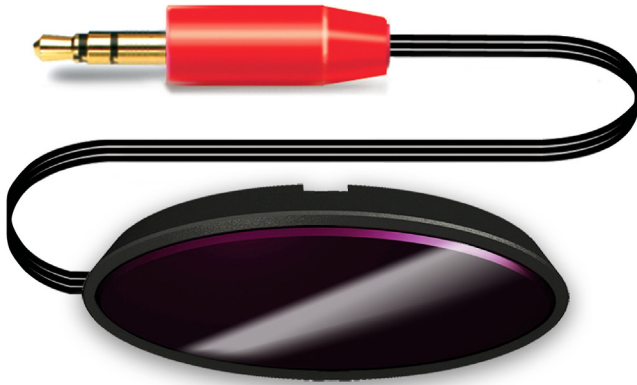
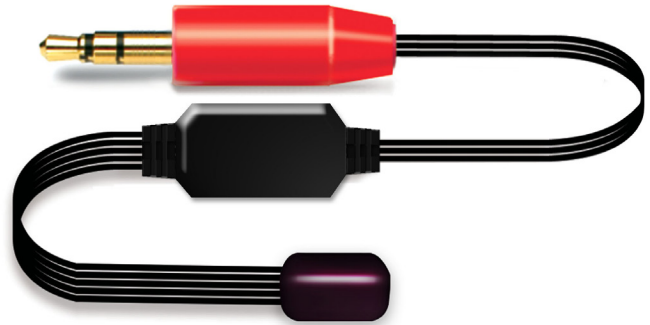




IRKST Surface Mount/Tabletop IR Kit IRKN Nano IR Kit



IRST Surface Mount/Tabletop IR Receiver



IRN Nano IR Receiver

Developed by a design team with years of experience and generations of IR product development to its credit, the IRKST and IRKN IR Kits may be new, but the engineering behind them is real deal.

Plasma friendly? Check! LED & LCD TV friendly? Check! CFL friendly? Check! Direct sunlight friendly? Check! Compatible with set top boxes including cable boxes and satellite receivers? Check! IR code cleanup circuitry? Check! AGC circuitry? Check! IR band-pass filtering? Check! Native carrier correction and pass-through circuitry? Check! System testing visible LEDs (receivers and emitters) Check! Variable IR emitter outputs? Check! And that's just the electrical technical stuff!

The IRST is a surface mount IR receiver that can be mounted on just about anything. It comes with silver, white and black trim rings so it can be adapted to blend in with just about any surface. The receiver also features a built-in wire-management channel to route the receiver wire for clean installations. For shelf or tabletop applications, the IRST snaps into the included tabletop adapter for additional mounting options.

The IRN Nano is the IR receiver of choice for TVs with very narrow frames or other applications that require a 'barely there' finish. The receiver 'head' measures a mere .67" x .23" (16.9 x 6.6mm) - small enough to attach to even the most narrow TV frames - without compromising performance or features.

And just to be sure all bases are covered, the IR receivers, emitters and connecting block all feature color coded plugs and jacks for mistake-free installations...you just can't go wrong with the IRKST and IRKN IR Kits from Xpress!

IRKST & IRKN IR Kits Features & Specifications

TYPICAL IRKST IR CONTROL SYSTEM

Typical System application for an IRKST IR control system. This application shows the IRST IR Receiver configured for surface mount. The IRST can also be configured for tabletop mount.

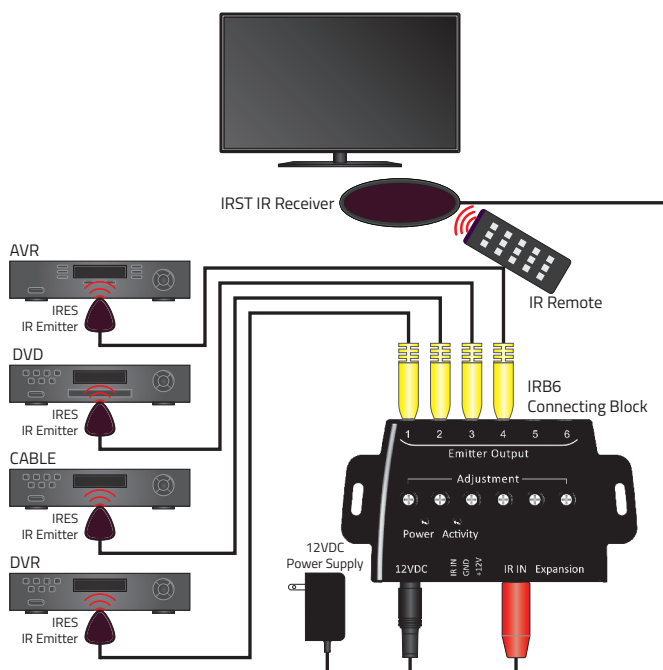
The Nano IR Receiver connects the same as the IRST but has a smaller footprint, ideal for TVs with a very narrow frames or other applications that require a 'barely there' finish.

The system can accommodate up to six IR Receivers.

The IR receiver 'sees' IR commands from an IR remote control, converts them to electrical pulses and sends them down the wires to the IR Emitters. When the electrical pulses hit the emitters, the emitter LEDs flash, 'repeating' the original IR commands, allowing control of IR controlled devices hidden in an equipment cabinet or closet. The controlled devices can be located up to about 1000 feet from the IR Receiver in most applications.

The IRB6 Connecting Block has six variable output emitter jacks allowing control of up to six IR controlled devices. (The kit includes four emitters. Additional emitters are available separately.) The IRB6 has two built-in magnets allowing it to be attached to the metal frame of an equipment rack or other magnetic surface without the use of adhesives or hardware.

Power and Activity LEDs indicate when the system is powered up and when there is activity on the system.



IRKST OPTIONAL TRIM ACCESSORIES



Surface Mount Trim Rings



Tabletop Adapter

The IRST IR Receiver can be configured for either surface mount or tabletop mount. For surface mount applications the IRKST kit includes silver, white and black trim rings to adapt the IRST to the surface it is being mounted to. The kit also includes a tabletop adapter allowing the IRST to be placed on a tabletop or shelf.

IRKN NANO IR RECEIVER



In decimal notation, Nano means one billionth, or pretty small. The Nano IR Receiver is very small, ideal for applications such as narrow TV frames, where a larger IR receiver just isn't going to work.

Though small, the Nano utilizes state-of-the-art technology making it compatible with just about any IR code structure, while rejecting interference from just about any light or radio source.

IRKST FEATURES/SPECIFICATIONS

Kit Includes:

- 1 - IRST Surface Mount IR Receiver with talkback LED
- 1 - Tabletop Adapter
- 1 - IRB6 Connecting Block with variable IR out and Activity LED
- 4 - IRES IR Emitters with visual output confirmation LEDs
- 3 - Trim rings (1 each: silver, white, black)
- 1 - 12VDC, 500mA Power Supply
- 1 - User Guide

IR Range Up to 120' (36.6mm)*

Off Axis +/-60°

IR Bandwidth 30 kHz to 60kHz

IRKN FEATURES/SPECIFICATIONS

Kit Includes:

- 1 - IRN Nano IR Receiver with talkback LED
- 1 - Tabletop Adapter
- 1 - IRB6 Connecting Block with variable IR out and Activity LED
- 4 - IRES IR Emitters with visual output confirmation LEDs
- 1 - 12VDC, 500mA Power Supply
- 1 - User Guide

IR Range Up to 120' (36.6mm)*

Off Axis +/-60°

IR Bandwidth 30 kHz to 60 kHz

* IR Range will vary with strength of IR Remote and ambient conditions.