AXIUM AX-IRKIT 42

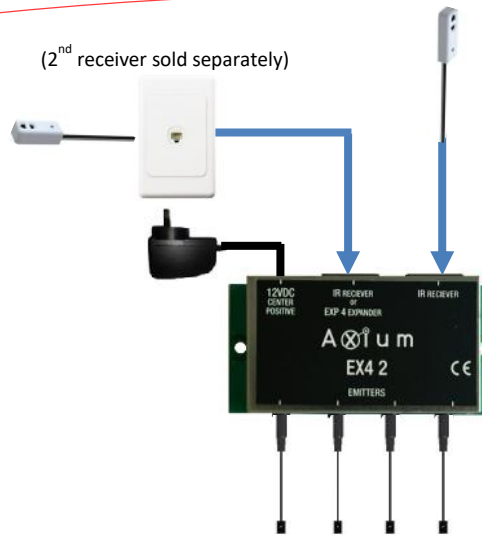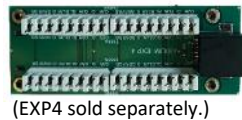## The Intelligent IR Receiver Kit with 4 x Single Emitters

Simple to setup
Simple to use
Simply enjoy

Technical Specifications

- Ingenious IR return path over the CATx cable via the RJ45 connector
- 4 x IR Emitter Port
- 2nd RJ45 connectors to add an additional IRFX3 or expand out to the EXP4 connector to add an additional 4 x IRFX3 Singles
- Excellent IR receiver range: 8m ± 45° (Depends on ambient light levels and remote-control strength)
- Receives / processes very short pulse burst codes systems as used by Foxtel and Sky
- Wide input voltage range: 8 - 16VDC 50mA
- Amplifier ON indicator and IR reception "flash back" indicator. *(Both can be defeated)*
- Default modulation frequency, : 38KHz ± 1%
- The receiver has excellent off axis reception, giving >50% range when 45° off axis
- Flat 4 core 28AWG 2m black lead on the IRFX3.
- Rear/ Bottom side cable exit
- Enhanced EMI immunity with Data Stream Filtering
  - Rejects IR disturbances that can slow down or cause intermittent problems on IR systems
- See individual data sheets for full specification and dimensions
- Approvals: C-Tick CISPR22, FCC
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(2nd receiver sold separately)

Or Expand out to the EXP4 to add up to 4 additional IRFX3 Receivers.

(EXP4 sold separately.)

Microprocessor filtered

The Smallest Data-Stream Filtered Infra-Red Receiver.
The IRFX3 is Plasma, LCD, LED & Sunlight tolerant, utilising leading edge technology to filter the received Infrared (IR) data packets.
A microprocessor filters then re-transmits the IR command in real time, with priority given to reconstruct fussy short pulse IR Commands used in some remote controls.

Superior IR throughput

Superior performance in rejecting noise and interference using a dual lens receiver system which incorporates a High-Q optical filter removing the problematic LCD/Plasma frequencies. In addition, an EMI shield has been Integrated to provide even greater compatibility and more mounting options.
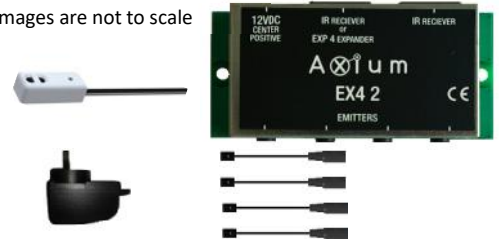
Flexible mounting

With its slim profile, colour options and exceptional cable control the IRFX3 is suitable for surface mounting on Televisions, Plasma/LED/LCD displays, cabinets, appliances, or speaker grills, it blends completely into the device you attach it to.

Images are not to scale

Kit Contents:
1x AX-IRFX3 Intelligent IR receiver (3 colour shells included)
1x AX-EX12 Connecting Block
4x AX-SIR1 Single Emitters (<2mm thick)
1x 12v Power Supply

Specifications and features subject to change without notice. Please check www.axiumcontrol.com for latest updates