

USER MANUAL

RELAY BOX



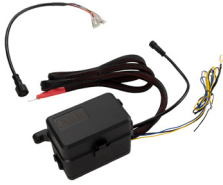
 **LINX**
Compatible

Part Number: 7450124



4X4 ACCESSORIES

Supplied Parts



Relay Box and Quick Connect Cable



Extension Cable



30A Automotive Relays and Blade Fuses



Mounting Hardware

Specifications

Input Voltage	12V
Number Of Channels	6
Maximum Current (Per Channel)	20A
Maximum Current (Total)	60A
Maximum Power (Total)	720W
Operating Temperature	-40 °C -+ 105 °C (-40 °F -+ 221 °F)
Dimensions	160mm X 93.7mm X 84.3mm (6.3" x 3.7" x 3.1")
Main power leads	6 core 12AWG
Weight	1kg (2.2lb)

Tools and Materials

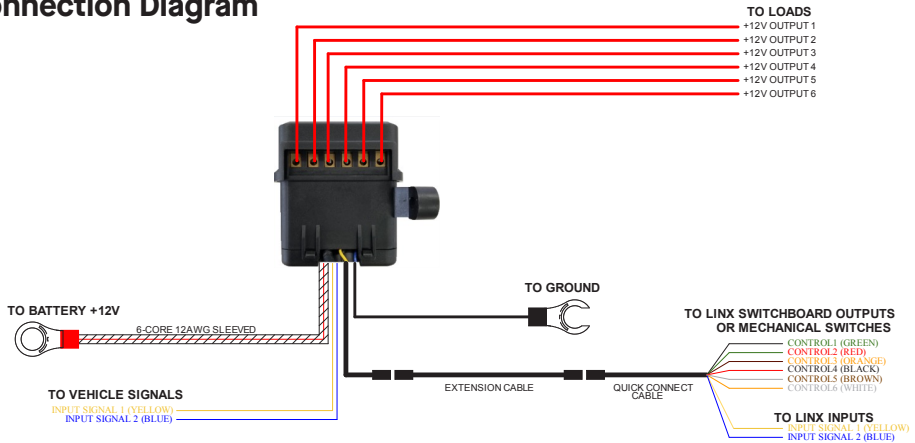
The following tools and materials may be required for the installation:

- Power drill
- Socket wrench / spanner
- Wire cutters
- Wire strippers / pliers
- Cable ties



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Connection Diagram



Wiring Notes

- Ensure the vehicle is off while connecting the relay box
- DO NOT connect the main power leads to the battery until all the CONTROLS, INPUTS and OUTPUTS are connected and rechecked
- Be careful not to interchange the main power leads -- RED is positive (+), BLACK is negative (-)
- For OUTPUTS, use a wire gauge suitable for the load's current draw and length of wire – for 20A loads, 12AWG (1m or 3.3ft length) and 10AWG (2m or 6.6ft length) is recommended
- The CONTROL signal numbers and OUTPUT numbers in the above diagram are matched accordingly (CONTROL 1 is for OUTPUT 1 and so on)
- If using LINX, use the SWITCHBOARD OUTPUTS (Terminals No. C3~D3) to control the relays
- If using MECHANICAL SWITCHES, feed +12V signals to control the relays
- INPUT SIGNALS 1 & 2 can be used to detect vehicle states (ACC, HIGH BEAM, etc.)

Mounting

- Find a suitable mounting location for the relay box. Ideal mounting location is in the engine bay where the supply harness can be connected directly to the vehicle battery
- Vertical orientation (cover on top, drain hole at the bottom) is important for ingress protection
- Use the provided mounting hardware (M6 × 20mm hex screws, M6 nylon lock nuts) to install the relay box
- Before drilling, carefully inspect the vicinity of the drill location for possible clearance issues





4X4 ACCESSORIES

ARB 4x4 ACCESSORIES

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