

Input / Output
expansion
interface



General description:

XT-MINI HUB accessory purpose is to extend physical Inputs and Outputs available on X-10 GPS tracker up to 5 additional Inputs and 6 additional Outputs, reaching in total 9 physical Inputs + 10 physical Outputs. These additional I/O can be setup through Logical Functions available into GPS tracker setting with sophisticated management. The I/O expansion is connected to 'S' Serial port of X-10 device by dedicated serial cable (*). This accessory is compatible with GPS tracker *mod. X-10 ver. Minihub*.

Package list:

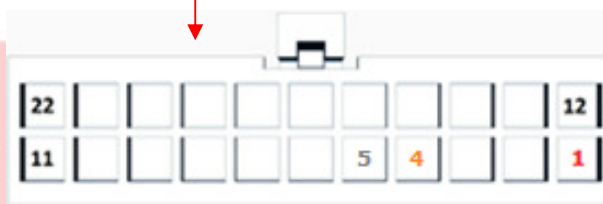
- I/O extension box
- Combined Power/Serial/In/Out wiring

Specifications:

- Size: 74 x 65 x 21mm. Weight: 40gr
- Power source: DC 8-30V
- Operating temperature: from -20°C to 60°C
- 5 extra physical Inputs: 1 Positive + 4 Negatives
- 4 extra physical Outputs: 1 Positive + 5 Negatives

Wiring description:

Connector view



Pin1	Red	● Power supply '+' (DC 8-30V)	Pin12	Yellow/Blue	● Output 4 Negative (160mA)
Pin2	Black	● Power supply '-' (GND)	Pin13	Yellow/Red	● Output 6 Positive (160mA)
Pin3	White/Green	● Input 3 Negative	Pin14	Yellow/Brown	● Output 3 Negative (160mA)
Pin4	Orange (*)	● Serial line (Tx / Rx).	Pin15	White/Grey	● Input 2 Negative
Pin5	Grey (*)	● Connect to Serial port "S"	Pin16	Yellow/Grey	● Output 2 Negative (160mA)
Pin6	White/Red	● Input 5 Negative	Pin17	White/Brown	● Input 4 Negative
Pin7	/	n.a.	Pin18	Yellow/White	● Output 1 Negative (160mA)
Pin8	/	n.a.	Pin19	White/Black	● Input 1 Positive
Pin9	/	n.a.	Pin20	Yellow/Black	● Output 5 Negative (160mA)
Pin10	/	n.a.	Pin21	/	n.a.
Pin11	/	n.a.	Pin22	/	n.a.