

Getting Started

W i E P O u t T 1

Before installation

Read the WiEPOut T1 User's Manual before wiring or deploying. Observe absolute maximum ratings. Maintain RF exposure distance of 20 cm per FCC rules. Integrator is solely responsible for determining suitability for any particular application. This is not a life safety device.

Set up in 4 steps

1 Set mode & channel

Set the first (left-most) dip switch to either Transmit (up) or Receive (down) based on the desired switch contact direction.

Each pair of units must be on the same channel, and not in use by another pair within signal range (varies by environment).

2 Wire your contacts

Attach your external devices to the included adapter. **It is recommended to use 24 AWG (0.25 mm²), wire with 8 mm pin-length ferrules.** Attach the wired adapter into the WiEPOut T1 socket until snug, then hand-tighten the jack screws to secure the attachment. See pinout on reverse side or in the user's manual.

3 Connect power

Plug the included 12 V DC adapter into a 120–240 V AC supply and firmly insert the DC barrel plug into the device. Turn power switch to the ON position.

NOTICE: Unit includes a non-rechargeable, 9 V battery. **The unit will turn on without AC power but the internal battery will drain if left in this state.** The battery is a consumable and is not covered under warranty. For maximum shelf life and performance, use only the recommended Tenenergy 9V (LiMnO₂) battery.

4 Device operation

When two units are located within range and set to the same channel in opposite modes (Tx / Rx), the devices will automatically establish a connection. The SIGNAL LED will change from blinking red to solid green/yellow/red depending on signal strength. The units are now ready for use.

Resources

W i E P O u t T 1

Visit **WiEPOut.com** and register your units to activate the warranty and access monitoring software & firmware updates.

MODE / CHANNEL SELECTOR

There are 16 selectable channel slots. Switches 5 through 8 represent the binary value 0 through 15. All "up" is 1111 = ch15, and all "down" is 0000 = ch0.

In **Transmit** mode, connector contacts (1,6) & (5,10) are open circuit inputs. In **Receive** mode, connector contacts are open circuit outputs.

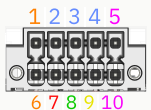


SWITCH	DESCRIPTION	UP	DOWN
1	Operating Mode	Transmit	Receive
2	GPIO 1	Input	Output
3	GPIO 2	Input	Output
4	GPIO 3	Input	Output
5-8	Channel	Binary 1	Binary 0

SIGNAL CONNECTOR PINOUT

Note: Pin 7 can supply a 12 VDC reference voltage to Pin 9 in place of an external DC voltage. This does not power the device — it only provides a reference for the GPIO pins.

Mating plug: Phoenix Contact 1790328 (10-pos, 3.5 mm)



PIN	SIGNAL	DESCRIPTION	TYPE
1	SW_1A	Switch #1, Contact A	Dry contact, Normally Open
2	IO_1	GPIO 1	Input or Output, VSS referenced
3	IO_2	GPIO 2	Input or Output, VSS referenced
4	IO_3	GPIO 3	Input or Output, VSS referenced
5	SW_2A	Switch #2, Contact A	Dry contact, Normally Open
6	SW_1B	Switch #1, Contact B	Dry contact, Normally Open
7	+12V	Aux power output	12V, 250 mA OUTPUT
8	GND	Ground	0V reference
9	VSS	External DC reference (non-power)	5–48 V DC INPUT ref. voltage
10	SW_2B	Switch #2, Contact B	Dry contact, Normally Open