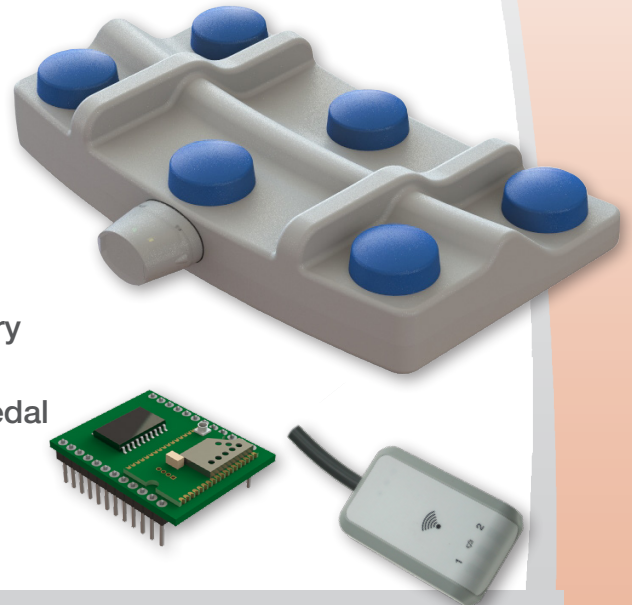


6241 Bluetooth® Transmitter

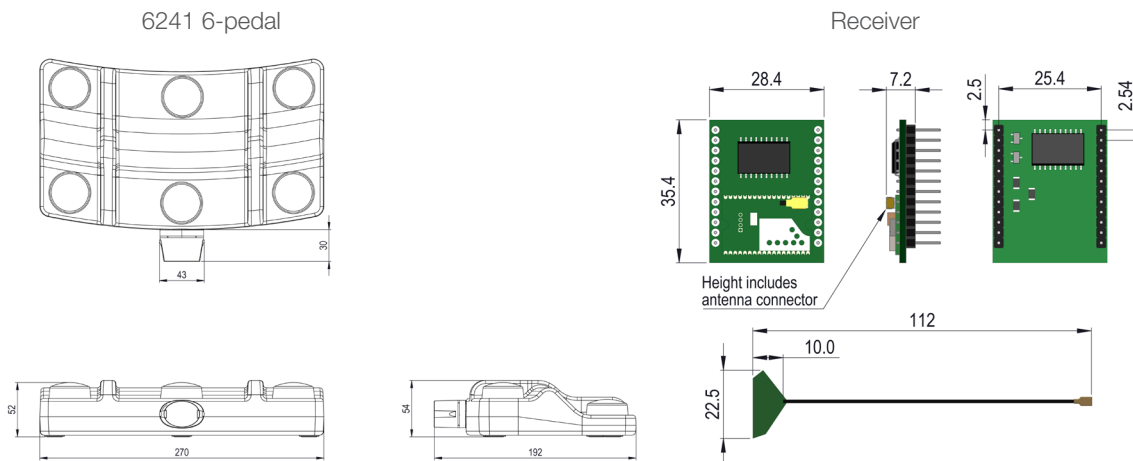
herga

Technology Ltd

- Secure PAN (Personal Area Network), with up to 2 transmitters
- Ultra low power with 1µA sleep current
- Range: Nominally 10 m (up to 25 m line of sight, Latency may increase with range)
- Selectable Latency:
 - Setting 1. Typically <150 ms at 10 m
 - Setting 2. Typically <75 ms at 10 m
- LED indication of battery status
- Choice of 15 or 60 minutes timeout for further battery conservation
- Auto wake from sleep/re-connect on press of the pedal
- Externally accessible IPx7 battery compartment
- Runs on commercially available Alkaline cells



Reference Dimensions mm

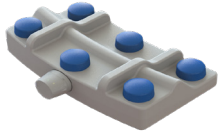


Specifications

Supply rating	Receiver: 5 - 24V DC Footswitch: 2 x AAA Alkaline batteries	Operating temperature	0 to +40°C
Output configuration	Open collector transistor outputs, (24V DC 100mA Max.)	Body material	Thermoplastic
Degree of protection	EN 60529 IPx7	Standards/approvals	Low Voltage Directive 2014/35/EU, REACH, RoHS & WEEE
Connections	Receiver connections via 2.54 mm pitch PCB pin header, suitable for connections to LEDs and push button or microcontrollers: <ul style="list-style-type: none"> • Transistor Output • 1 pairing button Input • 1 pairing process indication output • 1 battery level indication output • 2 transmitter connection status indication outputs • Sleep timeout select input • Latency Select Input, typically <100mS or <200mS for extended battery life • Power Connections 	Radio type approvals	Europe (ETSI RED) US (FCC/CFR 47 part 15 unlicensed modular transmitter approval) Canada (IC RSS)
		Certification and compliance	Radio Equipment Directive 2014/53/EU: <ul style="list-style-type: none"> • Effective use of frequency spectrum: EN 300 328 • EMC: EN 301 489-1, EN 301 489-17, EN 61000-6-2 • Health and safety: EN62479, EN 60950-1 Medical Device Directive 93/42/EEC: <ul style="list-style-type: none"> • EN 60601-1-2 Compliant (Customer's risk assessment required) • EN 60601-1

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Ordering & Options



Footswitch

Number of pedals

- 3 - 3 pedal
- 4 - 4 pedal
- 5 - 5 pedal
- 6 - 6 pedal

Each model will be given a unique 3 digit sequential number starting with 001

Example: 6241-6-BLE-001

6241- -BLE-



Receiver

- 001 - 8 open collector transistor outputs
- 002 - Housed, 6 relay outputs
- XXX - Customer specific

6311-BLE -

