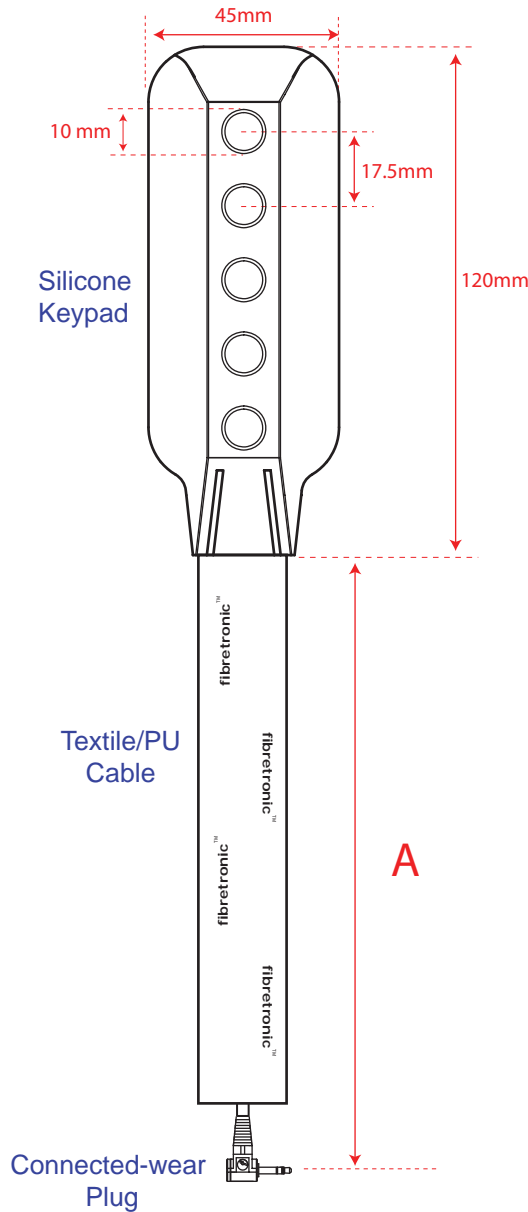



The Fibretronic 5-Function linear control keypad connects to an electronics module to form a complete solution for use in softgoods. The keypad is designed for easy integration into garments, bags or other wearable accessories using a variety of construction and attachment methods.

*Not drawn to scale



Key Function Layout

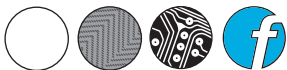
-  Volume up
-  Forward
-  Play/pause
-  Reverse
-  Volume down

Cable Length (A)	Part #
400mm	KP2-5SH-400
650mm	KP2-5SH-650
800mm	KP2-5SH-800
1000mm	KP2-5SH-1000



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Key Press Durability	>50,000	Weight (keypad & cable)	~20g
Key Press Operating Force	~150g	Wash Cycles	ISO 6330:2001;6A 20+
Operating Temperature Range	-30°C to 80°C	Tumble Dry Cycles	ISO 6330:2001;6A 20+
Compliance	RoHS	Dry Clean Cycles	10+



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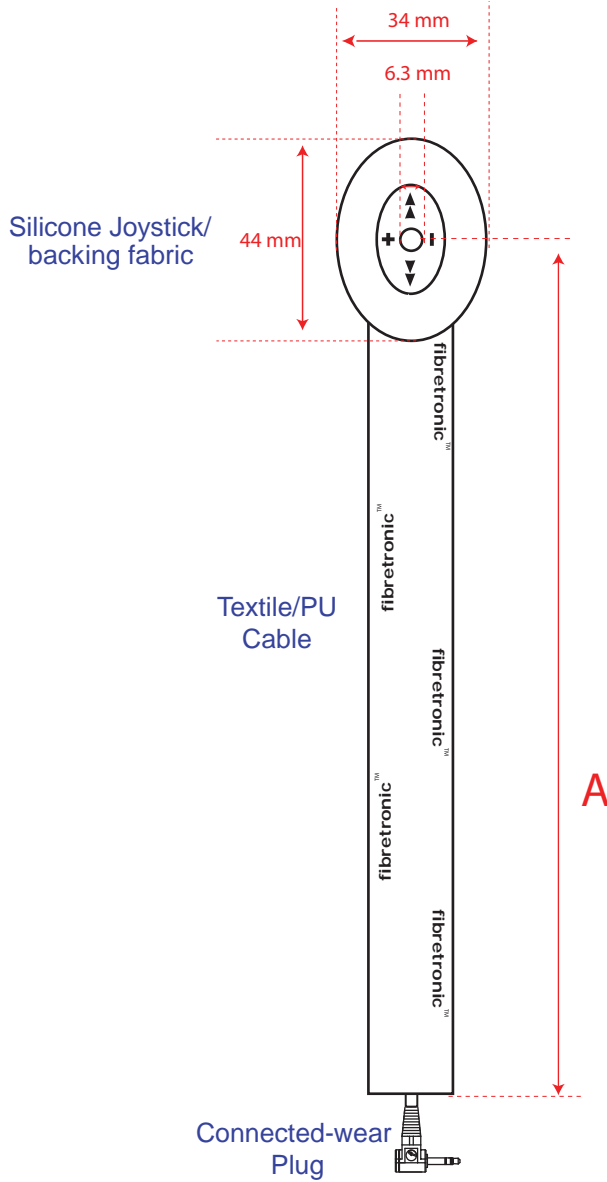
p: (+852) 3758 7000
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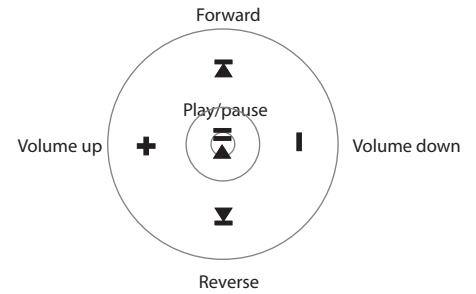
p: (+1) 213 749 0510
f: (+1) 213 747 6162

The Fibretronic 5-Function joystick connects to an electronics module to form a complete solution for use in apparel, bags and other soft-goods. The joystick is designed for easy integration into garments, bags or other wearable accessories using a variety of stitching, welding and thermal adhesive attachment methods.

*Not drawn to scale



Function Layout example

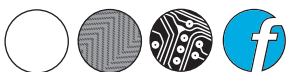


Cable Length (A)	Part #
400mm	JS31e-OR1-400
650mm	JS31e-OR1-650
800mm	JS31e-OR1-800
1000mm	JS31e-OR1-1000



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Key Press Durability	>50,000	Weight (keypad & cable)	~10g
Key Press Operating Force	~150g	Wash Cycles	ISO 6330:2001;6A 20+
Operating Temperature Range	-30°C to 80°C	Tumble Dry Cycles	ISO 6330:2001;6A 20+
Compliance	RoHS	Dry Clean Cycles	10+



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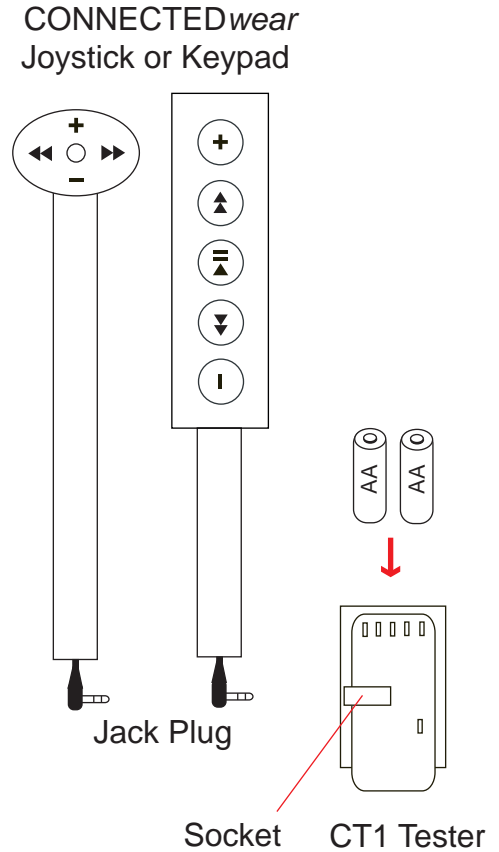
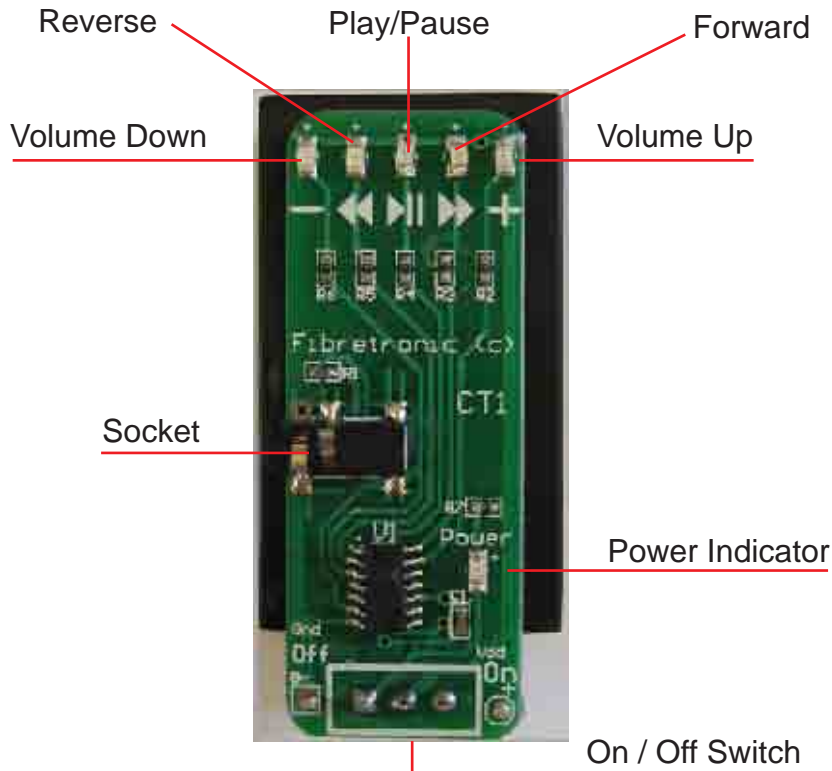
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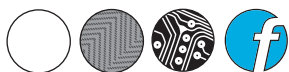


Keypad / Joystick Tester Operation

1. Insert two AA batteries into the tester device.
2. Turn on the tester using the On / Off switch
3. Then the tester will automatically run a self-checking process where each of the function lights will turn on one by one and then turn off.
4. Put the Jack Plug from the Keypad or Joystick into the Socket of the tester, ready to test the functions.
5. Before performing the function test, make sure only the Power Indicator light is on.
6. Press each button on the Keypad / Joystick one by one. With each button press check that only one red function light comes on and that this corresponds to the indicated function on the tester. Make sure that no lights stay on after the buttons are released and that only one red function light comes on when each button is pressed.

Replace the AA batteries if the Power Indicator light dims or if the tester fails to perform the automatic self-checking process.

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