

Modular Base System for Multipedal Footswitches

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- Customised electrical multi-pedal footswitching from standard components offers true flexibility for application-specific switching
- 1-, 2-, 3- & 4-pedal versions available with modular base system
- Combines footswitches from 6225, 6226 and 6227 series with optional 6241 and 6244 puck switches to meet a wide variety of OEM applications and comply to differing international standards
- Sealing to IPX2 & IPX7 (IPX8 upon request)
- IEC 60601-1 and UL 606001-1 available
- Maximum electrical ratings are determined by application
- Bluetooth® switching versions available
- Lift bars, guards and cable exit options can be specified
- Handles, dividers and steel base plate options.



Herga's multipedal range combines our standard electrical footswitches, and puck (bellows) switches with a modular base system that allows real flexibility for OEMs and machine builders. A wide choice of low profile, rear hinged footswitches from our 6225, 6226 and 6227 ranges offers IPX2 to IPX7 sealing with electrical ratings from 3 A at 24 VDC up to 6 A at 250 VAC with Bluetooth® versions available. The 6241 series puck series offer SPST N/O switching to 50 mA at 24 VDC. The 6244 series haptic puck switch offers SPST and SPDT momentary action at 0.1A up to 250V AC. Users can select IEC 60601-1 and UL 60601-1 approved switches to match the same rating for the modular base system. Also available to specify are lift bars, guards and cable exit options as well as handles, dividers and steel base plates.

General specifications

Standards/approvals	Not limited to but including: Footswitch: low voltage directive 2014/35/EU, EN 60950; Microswitch: EN 61058-2-1, EN 61058 (dependent upon application chosen)	Operating temperature range	-20°C to +70°C - determined by application
Degree of protection	Not limited to but including: EN 60529 IPX2, IPX7 or IPX8	Body material	Thermoplastic
Connection method	Stripped cable cores or connector of your choice	Weight	Varies, dependent on the base and footswitch type
Electrical rating	Determined by application	Additional information	Lift bars, guards and cable exit options as well as handles, dividers and steel base plate.
Contact configuration	SPST N/O, SPST N/C, SPDT momentary or latching		



Double base with 2-Pedal footswitch and 4 puck switches



Triple base with handle

Single footswitch with 2 puck switches



Single footswitch with guard

Double footswitch with lift bar and divider

Double base with 2 Bluetooth footswitches and 4 puck switches



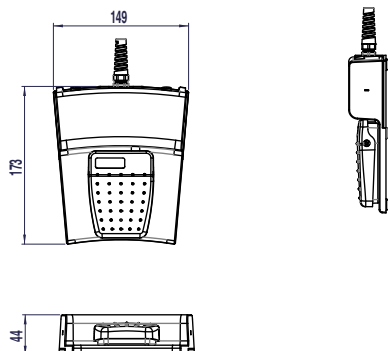
Triple base with 3 footswitches, 4 puck switches and handle

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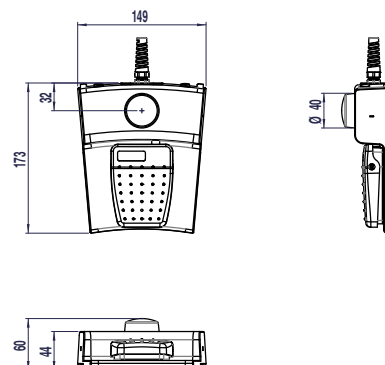
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Modular Base System - Reference dimensions

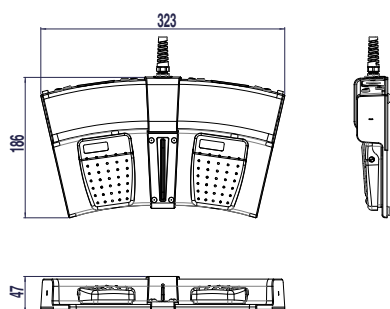
1-Pedal



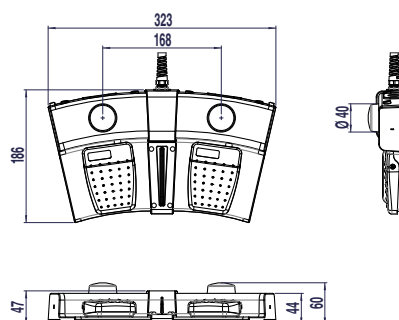
1-Pedal + Puck



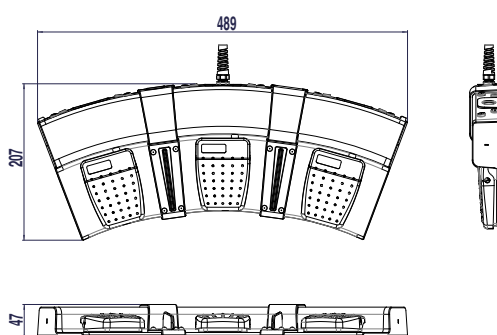
2-Pedal



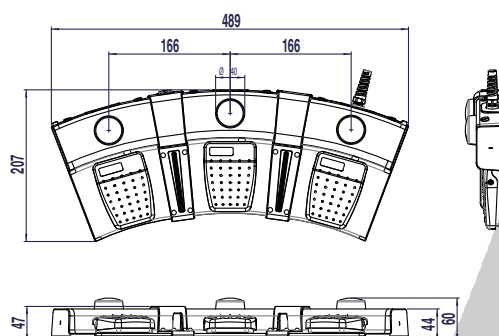
2-Pedal + Puck



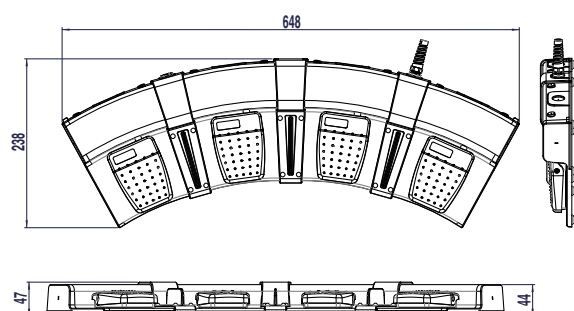
3-Pedal



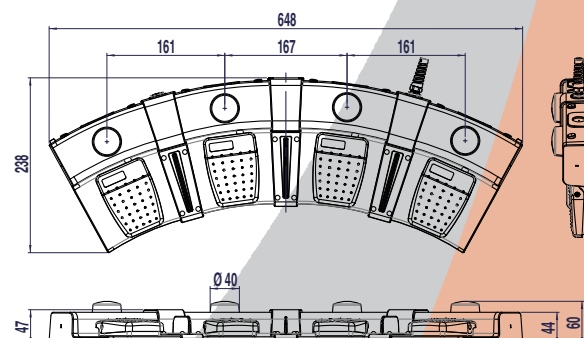
3-Pedal + Puck



4-Pedal



4-Pedal + Puck



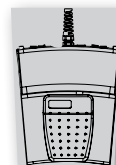
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Please select your design by completing the below table.
The selection begins with the pedal on the left for multipedal products.

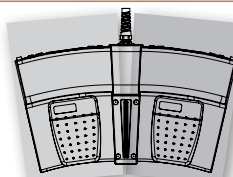
Base 1 (Left)	Notes	Selection / Part No. / Remarks
1. Main foot switch:	Select code from 6225, 6226, 6227 line	
2. Puck switch:	Select code from 6241 / 6244 line	
3. Lift bar:	Not possible with option 4	Yes / No
4. Guard:	Not possible with option 2, 3	Yes / No
5. Cable exit:	For multipedal versions one of the bases must be selected	Yes / No
6. Bluetooth transmitter:	For multipedal versions one of the bases must be selected	Yes / No

1-Pedal



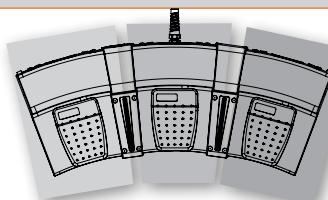
Base 2	Notes	Selection / Part No. / Remarks
1. Main foot switch:	Select code from 6225, 6226, 6227 line	
2. Puck switch:	Select code from 6241 / 6244 line	
3. Lift bar:	Not possible with option 4	Yes / No
4. Guard:	Not possible with option 2, 3	Yes / No
5. Cable exit:	For multipedal versions one of the bases must be selected	Yes / No
6. Bluetooth transmitter:	For multipedal versions one of the bases must be selected	Yes / No

2-Pedal



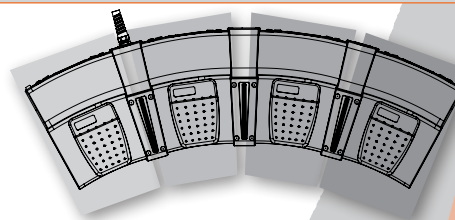
Base 3	Notes	Selection / Part No. / Remarks
1. Main foot switch:	Select code from 6225, 6226, 6227 line	
2. Puck switch:	Select code from 6241 / 6244 line	
3. Lift bar:	Not possible with option 4	Yes / No
4. Guard:	Not possible with option 2, 3	Yes / No
5. Cable exit:	For multipedal versions one of the bases must be selected	Yes / No
6. Bluetooth transmitter:	For multipedal versions one of the bases must be selected	Yes / No

3-Pedal



Base 4	Notes	Selection / Part No. / Remarks
1. Main foot switch:	Select code from 6225, 6226, 6227 line	
2. Puck switch:	Select code from 6241 / 6244 line	
3. Lift bar:	Not possible with option 4	Yes / No
4. Guard:	Not possible with option 2, 3	Yes / No
5. Cable exit:	For multipedal versions one of the bases must be selected	Yes / No
6. Bluetooth transmitter:	For multipedal versions one of the bases must be selected	Yes / No

4-Pedal



General	Notes	
1. Handle:	If handle selected cable exit cannot be in the middle bases	Yes / No
2. Dividers:		Yes / No
3. Steel base plate:	Provides increased weight	Yes / No

Notes:

- The IP Rating is automatically determined by the lowest rating off the individually selected foot switches.
- Temperature range is given by the selected foot switches
- The base is designed to be comply with the requirements of IEC 60601-1