

AX Multi-Button Pendant – Operating Instructions

Activation of Pendant / Exit Sleep Mode

Pressing the two front buttons simultaneously for more than 5 seconds while the command connector is inserted, activates the unit from sleep mode. This is acknowledged by 1 long beep from the unit. This also sends a reset signal to the receiver to allow assigning to the system. The command connector must then be removed.

Activating Sleep Mode

Pressing the two side buttons simultaneously for more than 5 seconds while the command connector is inserted, puts the unit completely to sleep. This is acknowledged by 4 short beeps from the unit. The unit will not acknowledge any button press while in sleep mode.

Change Echostream Mode Type

Pressing all four buttons together, while the command connector is inserted, switches the unit from Echostream mode to Echostream Enhanced mode and back again. This is acknowledged by 2 short beeps from the unit and the LED illuminates for 4 seconds. The mode in use is indicated by the colour of the LED. A green LED indicates Echostream mode, a red LED indicates Echostream Enhanced mode. The default mode on shipping / battery removal / replacement is Echostream Enhanced mode.

Enable Ripcord Alarm

When active, insertion of the ripcord for 10 seconds (or 10 seconds after the man-down is disabled) will enable the ripcord alarm monitor.

Command Connector

Whilst the unit is active, if the command connector is retained in the unit, alarms cannot be generated.

Sending an Alarm A

When active, pressing the two front buttons simultaneously for 500ms will trigger an Alarm A. This is acknowledged by a 500ms vibration from the unit and the LED illuminates for 2 seconds. The LED colour is dependant upon the mode type selected (green – Echostream or red – Echostream Enhanced).

Sending an Alarm B

When active, pressing the two side buttons simultaneously for 500ms will trigger an Alarm B. This is acknowledged by a 500ms vibration from the unit and the LED illuminates for 2 seconds. The LED colour is dependent upon the mode type selected (green – Echostream or red – Echostream Enhanced).

Ripcord Alarm

When active, removal of the ripcord will trigger an immediate tamper transmission. This is acknowledged by a 500ms vibration from the unit and the LED illuminates for 2 seconds. The ripcord tamper bit is sent with every further transmission until the tamper bit is reset.

Re-inserting the ripcord will trigger an immediate transmission clearing the tamper alarm bit. This is acknowledged by a 500ms vibration from the unit and the LED illuminates for 2 seconds. If you insert the command connector, it will trigger an immediate transmission clearing the tamper alarm bit and the ripcord alarm monitor is reset. Removal of the command connector will cause the unit to revert to a non-ripcord unit.

Important Note

These units are multi-channel units and require serial or multi-channel receivers to use the additional functions of Man-Down and Ripcord. The EE4216 is not suitable to receive the additional channels.

To register the device on the Echostream unit, go to the 'Rset Xmitter screen, bring the pendant out of sleep mode with the command plug inserted. The unit will register with the receiver.

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Enable Man-Down Alarm

Pressing the buttons, in sequence, 1, 2, 3 then 4 will enable the Man-Down alarm. This is acknowledged by 1 long beep from the unit. Man-Down is enabled whilst the command connector is inserted. The unit must be left in a vertical state for 10 seconds to active. If left in a horizontal state it will not be activated until left in a vertical position for 10 seconds.

Disable Man-Down Alarm

Pressing the buttons, in reverse sequence, 4, 3, 2, 1 will disable the Man-Down alarm. This is acknowledged by 2 short beeps from the unit. Man-Down is also disabled whilst the command connector is inserted.

Man-Down Alarm

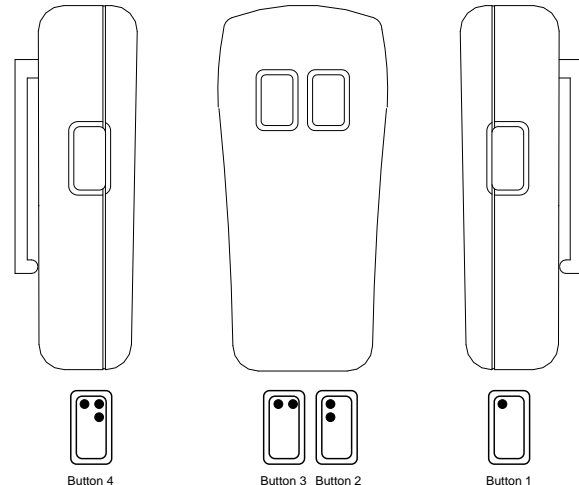
If the unit is tilted over and the alarm is active, the unit will beep and vibrate intermittently for 10 seconds before a transmission of A and B simultaneously is made. The LED illuminates for 2 seconds. The command connector must not be inserted to allow the man-down alarm to be sent. A second transmission is made when the unit is placed back in the vertical position. This is acknowledged by a 500ms vibration from the unit and the LED illuminates for 2 seconds.

Temporary Deactivation of Ripcord or Man-Down Alarm

Pressing the buttons in reverse sequence 4, 3, 2, 1 deactivates the Man-Down alarm and resets the Ripcord alarm tamper bit when used without the command plug. This allows for removal from a belt and placing on a flat surface after use. Returning the unit to an upright position will re-enable the Man-Down alarm.

Button Locations

To aid the visually impaired, each of the 4 buttons are numbered using the universal Braille system, whilst the 2 side buttons (1 & 4) are colour-coded red and the 2 front buttons (2 & 3) are colour-coded yellow.



Battery Specification

Each unit is supplied with two Panasonic CR-123A batteries. If alternative batteries are used, the warranty of this product is void.

All nominal electrical data at 20°C

Nominal voltage: 3V

Nominal capacity* (mAh): 1,400 (x2)

Continuous standard drain (mAh): 20

* based on standard discharge current and cut off voltage up to 2.0V at 20°C

Dimensions (Diameter x height): 17 x 34.5mm

Approximate battery weight: 17g

FCC Compliance

This device complies with Part 15 of the FCC rules.

Operating is subject to the following two conditions.

- (1) This device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.