



Operation and Maintenance Manual

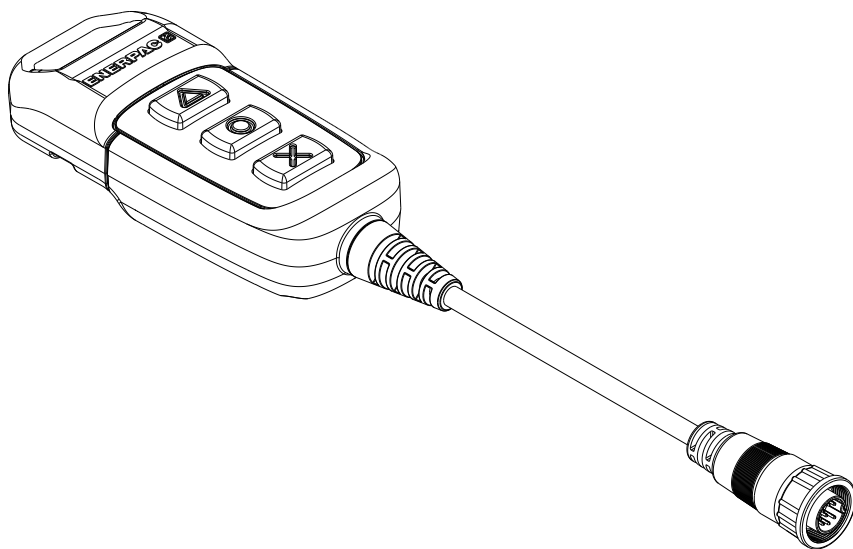
Corded Remote Pendants & Extension Cord Models CC131, CC132 & CC010

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 To reduce the risk of injury, user must read and understand this document before use.

ABOUT US

Enerpac is a global market leader in high pressure hydraulic tools, controlled force products, portable machining, on-site services and solutions for precise positioning of heavy loads. As a leading innovator with over a 100 year legacy, Enerpac has helped move and maintain some of the largest structures on earth. When safety and precision matters, elite professionals in industries such as aerospace, infrastructure, manufacturing, mining, oil & gas and power generation rely on Enerpac for quality tools, services and solutions. For additional information, visit www.enerpac.com.



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WARRANTY

Refer to the Enerpac Global Warranty document for terms and conditions of the product warranty. Such warranty information can be found at www.enerpac.com.

NAMEPLATE

Refer to the diagram in Section 6.0 for location of product nameplate decal.

AVAILABLE LANGUAGES

An electronic copy of this document is available online in multiple languages:

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1.0 SAFETY

Read all instructions carefully. Follow all recommended safety precautions to avoid personal injury as well as damage to the product and / or damage to other property. Enerpac cannot be responsible for any damage or injury from unsafe use, lack of maintenance, or incorrect operation. Do not remove warning labels, tags, or decals. In the event that any questions or concerns arise, contact Enerpac or a local Enerpac distributor for clarification.

Save these instructions for future use.

Appropriate training in the safe use of high pressure, high force hydraulic tools is required prior to use of the remote pendant. If training is needed, contact your local Enerpac distributor or authorized service center for information about an Enerpac hydraulic safety training course.

This manual follows a system of safety alert symbols, signals, words, and safety messages to warn the user of specific hazards. Failure to comply with these warnings could result in death or serious personal injury, as well as damage to the equipment or other property.



The Safety Alert Symbol appears throughout this manual. It is used to alert you to potential physical injury hazards. Pay close attention to Safety Alert Symbols and obey all safety messages that follow this symbol to avoid the possibility of death or serious injury.

Safety Alert Symbols are used in conjunction with certain Signal Words that call attention to safety messages or property damage messages and designate a degree or level of hazard seriousness. The Signal Words used in this manual are WARNING and NOTICE.

WARNING Indicates a hazardous situation that, if not avoided, could result in death or serious personal injury.

NOTICE Indicates information considered important, but not hazard related (e.g. messages related to property damage). Please note that the Safety Alert Symbol will not be used with the signal word.

1.1 Remote Pendant Safety Precautions

WARNING

Failure to observe and comply with the following precautions could result in death or serious personal injury. Property damage could also occur.

- Use the pendant only with compatible Enerpac pumps or other compatible Enerpac devices.
- When pendant is in use, be certain that the operator has clear line of sight visibility to the cylinder, tool or other hydraulic device being used.
- If the pendant buttons do not start or stop the pump (or other connected device) discontinue using the pendant immediately. Do not resume use until the problem has been diagnosed and repairs have been made.
- Do not attempt to modify or re-engineer the pendant.
- If the pendant cord becomes worn or frayed, or if the wiring becomes visible, replace the cord immediately.
- Keep the pendant cord and housing away from flames and heat, which may cause damage or affect operation of the pendant.
- Do not connect or disconnect the pendant cord while the pump (or other compatible Enerpac product) is operating.
- Always disconnect the pendant cord before disassembling the pendant for repair or troubleshooting purposes.
- Immediately replace worn or damaged parts with genuine Enerpac parts. Enerpac parts are designed to fit properly and to withstand high loads. Non-Enerpac parts may break or cause the product to malfunction.

Personal injury and property damage may also occur.

- Electro-hydraulic equipment must only be serviced by a qualified technician. For repair service, contact an Enerpac authorized service center in your area.

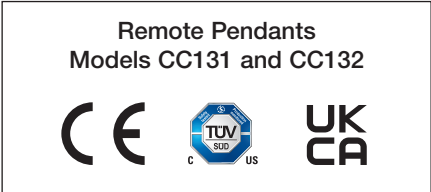
NOTICE

Failure to observe and comply with the following precautions could result in a malfunction or damage to the pendant and/or the connected device.

- Do not drive vehicles or machinery over the pendant cord or housing.
- Do not allow objects to rest on the pendant cord or housing.
- Do not place the pendant cord under rugs, mats or other coverings.
- Do not use the pendant cord to drag the pump (or other connected device) from one location to another.
- Never use the pendant cord to lift or reposition the pump (or other connected device).
- Avoid kinking or pinching the pendant cord or rubbing it against surfaces or objects which may cause damage.
- Do not immerse the pendant in water or other liquids (refer to Section 2.2 for additional information).
- Do not disconnect the pendant cord by pulling or tugging on it. To properly disconnect the pendant cord, unscrew the threaded sleeve at the end of the cord. Then, firmly grasp the connector and unplug it from the receptacle.
- When not in use, store the pendant in a clean, dry and secured area. Keep the pendant away from unauthorized users.

2.0 COMPLIANCE

2.1 Compliance Statement



Enerpac declares that the model CC131 and CC132 remote pendants have been tested and conform to applicable standards and are approved to carry the CE, TÜV and UKCA certification marks.

2.2 IP Rating

- The pendant has an IP (ingress protection) rating of IP64.
- Outdoor use of the pendant is permitted.
- The pendant can be used in rainy or wet environments and where water spray is present.
- Immersion of the pendant in water or other liquids is *not* permitted.

⚠ WARNING The pump or other connected device may have a *lower* IP rating than the pendant. To avoid a dangerous electrical shock hazard, use the connected device only in accordance with its IP rating. Failure to observe this precaution could result in death or serious personal injury. Damage to the equipment could also occur.

3.0 DESCRIPTION

Enerpac CC1 Series corded remote pendants are designed for use with select Enerpac electric pumps, battery pumps and other compatible products equipped with an 8 pin pendant receptacle.

Two pendant models are available. Model CC131 features a 10 ft [3 m] cord. Model CC132 features a 20 ft [6 m] cord.

The pendants can be easily connected or disconnected as needed, allowing their use with multiple Enerpac products.

Both pendant models feature three large buttons, an overmolded hand grip, a lanyard loop and a hanger magnet. A convenient 1/4-20 threaded insert can be used to secure the pendant to a bench or to attach accessories.

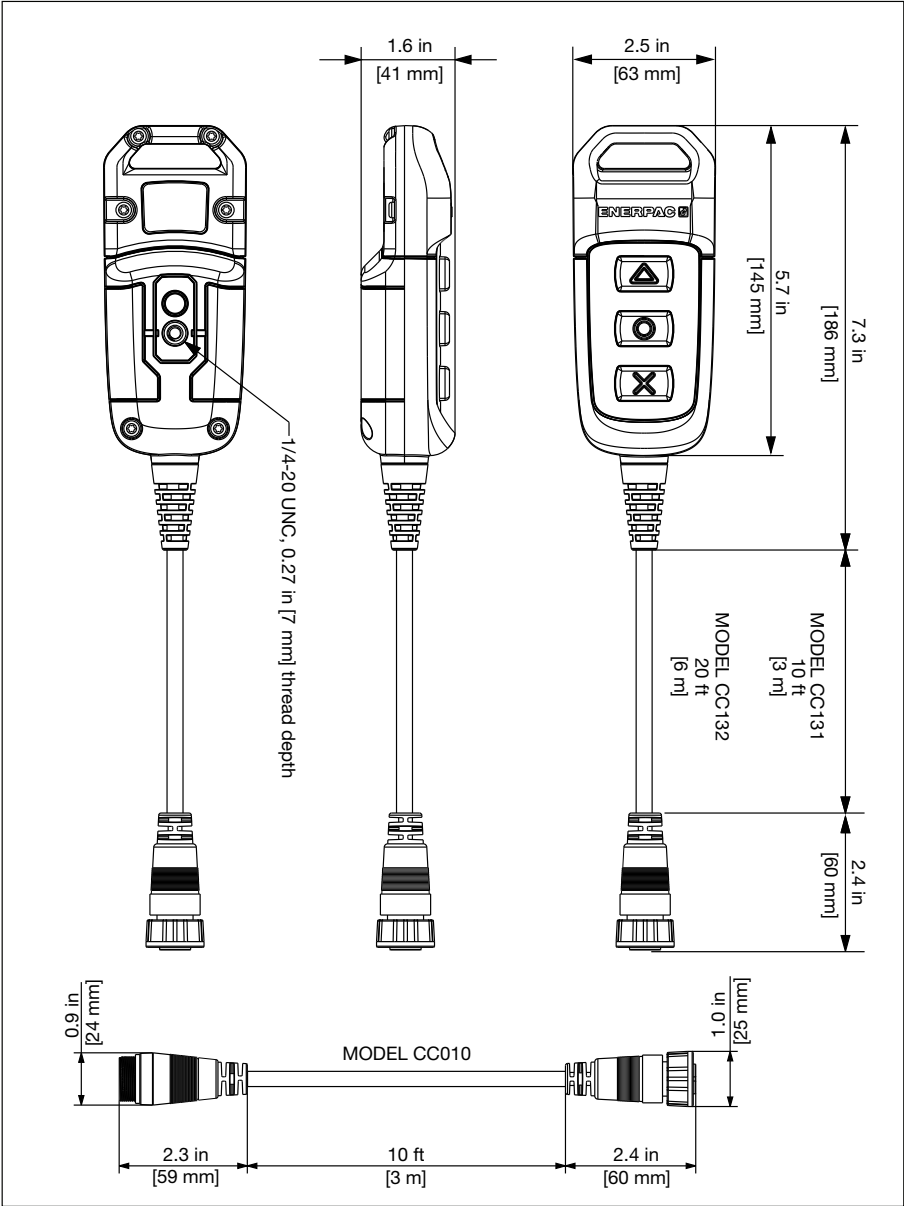
The optional CC010 pendant extension cord provides an additional 10 feet [3 m] of length and can be used with either pendant model. If desired, multiple extension cords can be connected together, providing up to 100 feet [30 m] in total length (including the pendant and all connected extension cords).

Multiple seals within the pendant enclosure provide an IP64 ingress protection rating.

4.0 WEIGHTS

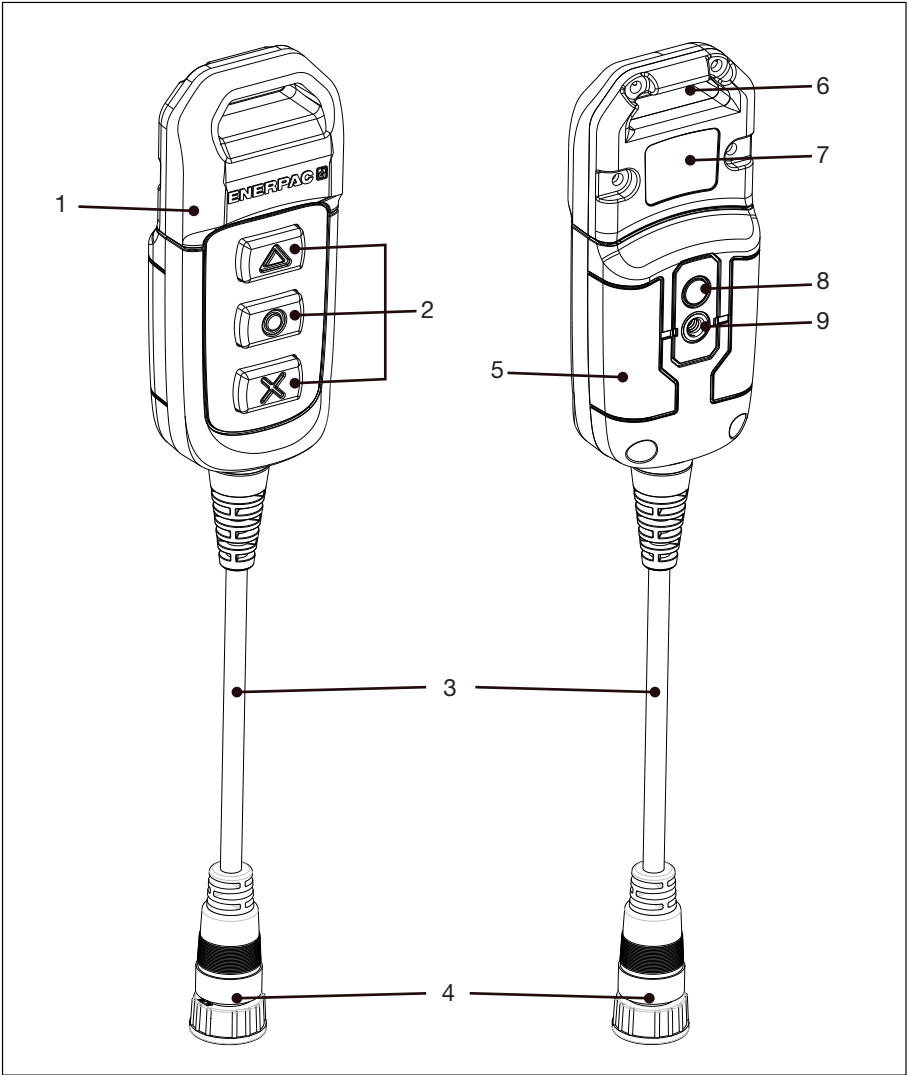
Model	Weight (approx.)	
	lb	kg
CC131 Pendant	0.8	0.36
CC132 Pendant	1.0	0.45
CC010 Extension Cord	0.5	0.20

5.0 DIMENSIONS



- For use with compatible Enerpac products equipped with an 8 pin pendant receptacle.
- Total length of pendant and multiple CC010 extension cords must not exceed 100 ft [30 m].
- Pendant wiring and controls rated at 50 volts DC and 100 mA maximum.

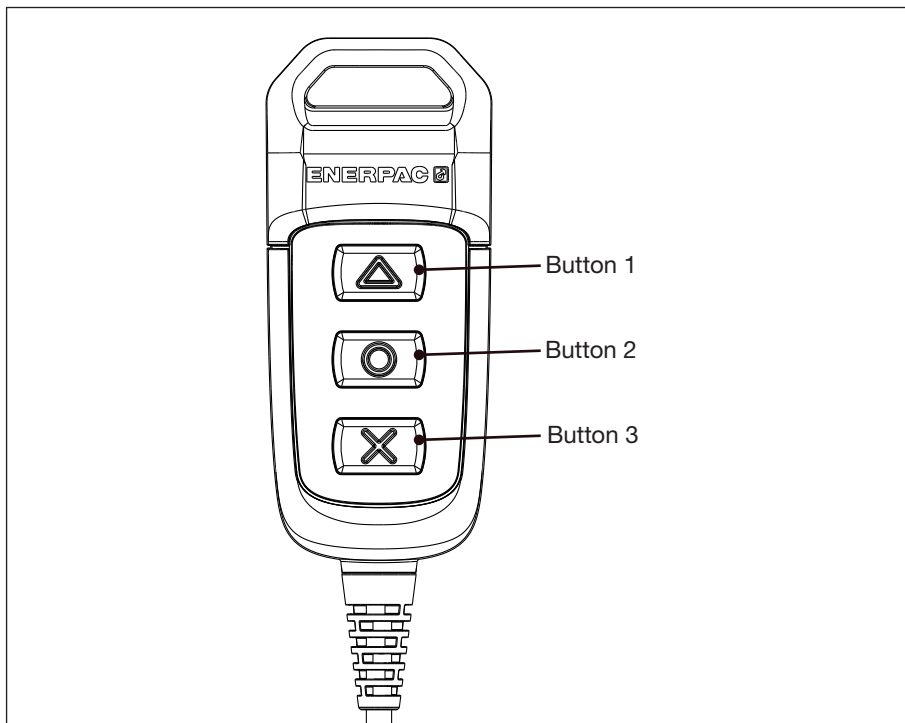
6.0 FEATURES



Key:

- | | |
|-----------------------------------|-------------------------------|
| 1. Pendant Housing | 5. Overmolded Hand Grip |
| 2. Controls (See Section 7.0) | 6. Lanyard Loop |
| 3. Pendant Cord | 7. Product Nameplate |
| 4. Connector with Threaded Collar | 8. Hanger Magnet |
| | 9. Threaded Hole (1/4-20 UNC) |

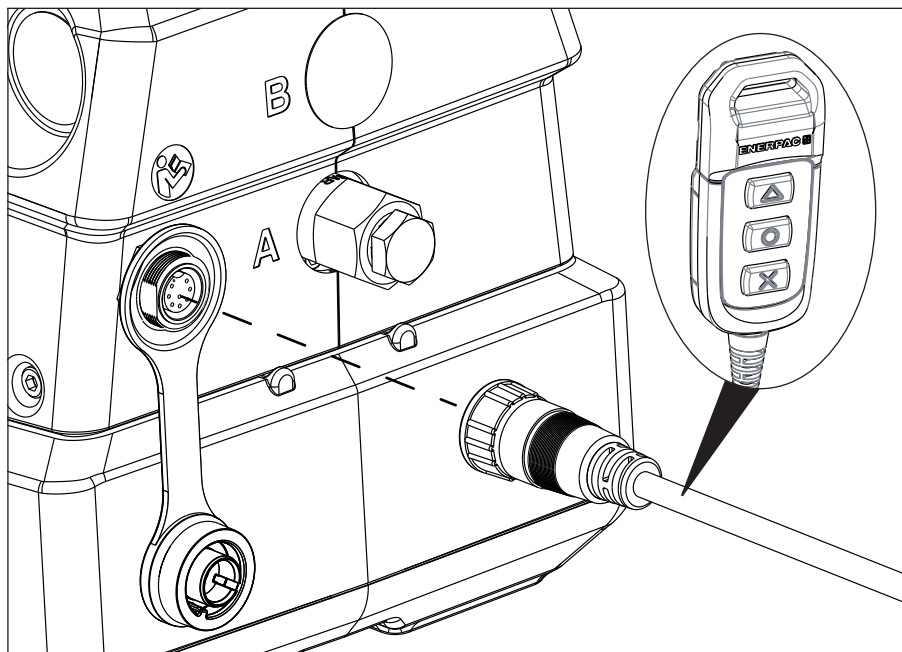
7.0 CONTROLS



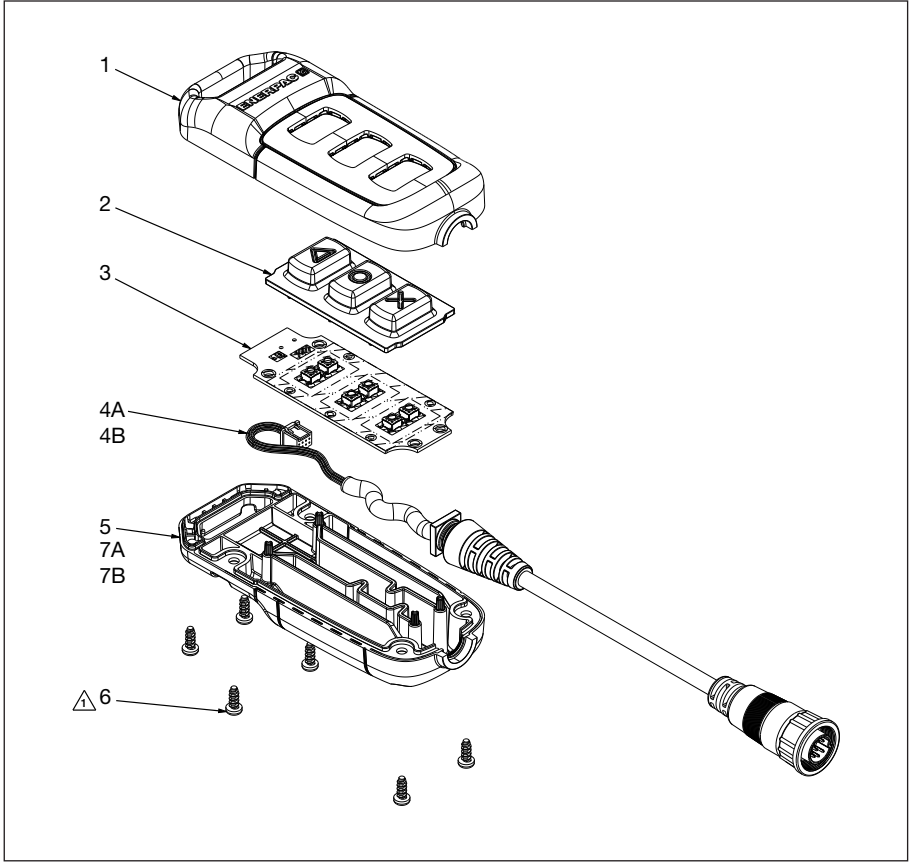
- The pendant is primarily designed for use with Enerpac electric and battery powered pumps. But it can also be used with other compatible Enerpac products.
- The pendant contains three momentary contact push buttons. Button names and functions will vary, depending on the connected device and its functions.
- For detailed operating instructions, refer to the instruction manual for the electric pump (or other compatible Enerpac product) being used with the pendant.

8.0 CONNECTION PROCEDURE

1. Remove the dust cap from the receptacle on the pump (or other compatible Enerpac product).
2. Align pins and connect the pendant cord.
3. Hand tighten the threaded collar to secure the connection.



9.0 REPAIR PARTS DIAGRAM



Notes:

⚠ 1 Torque to 8-9 in-lbs [0.9 - 1.1 Nm].

10.0 PARTS LIST

Item	Description	Qty	Part Number
1	Housing, Top	1	DD8525001SR
2	Button Controls	1	DD8531369SR
3	Printed Circuit Board	1	DD8527829SR
4A	Cord, 10 ft [3 m] long (Model CC131)	1	DD8785960SR
4B	Cord, 20 ft [6 m] long (Model CC132)	1	DD8786960SR
5	Housing, Bottom	1	DD8524001SR
6	Screw, M4 x 10	6	(included with items 1 and 5)
7A	Decal, Product Specifications (Model CC131)	1	DD8661026
7B	Decal, Product Specifications (Model CC132)	1	DD8923026
Note: Refer to diagram in Section 9.0 for parts identification.			



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