möbius

möbius BY CEM TECH

power switch post

installation, operation, & maintenenace manual.



möbius

power switch post.



WARNING! THIS APPLIANCE IS FOR OUTDOOR USE ONLY.

This manual should remain with the homeowner or the party responsible for operation.

TO INSTALLER: Leave this manual with the appliance.
TO CONSUMER: Keep this manual for future reference.

SAVE THESE INSTRUCTIONS.

DO NOT DISCARD.

WARNING!

Do NOT store or use gasoline or other flammable liquids or vapors in the vicinity of this or any other appliance. An LP cylinder not connected for use shall not be stored in the vicinity of this or any other appliance.

contents.

Möbius by CEMTECH Concrete Fire Pits

1 IMPORTANT SAFETY INSTRUCTIONS

2 GENERAL DESCRIPTION

3 INSTALLATION DETAILS

4 WIRING DETAILS

5 TESTING

6 MAINTENANCE

7 TROUBLESHOOTING

8 WARRANTY

9 CONTACT

power switch post.

Section 1 — Important Safety Instructions

WARNING
MPORTANT SAFETY INSTRUCTIONS - READ PRIOR TO OPERATING UNIT

If the information in this manual is not followed exactly, a fire or explosion may result causing property damage, personal injury, or loss of life.

For additional product information or replacement copies of these instructions, visit **mobiusmade.com**.

The Power Safety Tower brings essential outdoor controls into a clean, architectural enclosure designed to look intentional within the surrounding environment. Housing a gas countdown timer and gas emergency stop switch in a single freestanding unit, it mounts directly to a concrete pad for structural stability while eliminating the visual clutter of conventional wall-mounted junction boxes and exposed exterior conduit.

Its streamlined form allows the controls to read as part of the landscape and architectural design rather than as an afterthought, making it particularly well suited for hospitality, multifamily, commercial, and high-end residential outdoor environments.

It seamless integrates with Möbius by CEMTECH gas fire pits.

- Rugged structural steel construction
- Available in Anthracite, as shown, or Bronze Brown
- Integrated mounting plate included
- Standard configuration includes a countdown timer and emergency stop switch
- Available with timer only or emergency stop only

PRODUCT FEATURES

- Made from structural steel and powder coat to withstand the outdoor elements.
- Timer control for an easy way to control your fire features.
- Includes a mounting plate to easily anchor onto a concrete plate.
- Mounting bolts or anchors not included.

WARNING

This power column is for outdoor use only.

Professional Installation Required

- This power column must be installed and serviced by a licensed contractor or qualified installer who meets all state and local requirements for the jurisdiction where the product will be installed.
- If no state or local licensing requirements apply, installation and service must be performed by a qualified professional with proven experience installing and maintaining electric appliances.
- Before installation, read and follow all warnings and instructions provided with this product. Failure to do so may result in property damage, serious injury, or death.
- Select a safe and easily accessible location away from the outdoor feature when installing the tower.
- Use caution when operating electrical components. Keep away from water to avoid electrical shock.
- Ensure all wiring is properly insulated.
- Only use the emergency stop button(s) in critical situations to avoid system danger or failure.
- Improper installation or operation will void the product warranty.
- It is the installer's responsibility to ensure a safe installation and to educate the end user as to proper operation.
- The Emergency Stop Push Button must not be used as a substitute for protective measures or other safety functions. The Emergency Stop Push Button should be added as an additional safety measure.

TESTING

- Thoroughly test the Safety Tower before operating your outdoor feature.
- Check that all switchs are working correctly (e.g. Dial Timer, E-Stop).
- Test the connection to your outdoor feature to ensure it operates as intended.

power switch post.

Section 1 — Important Safety Instructions

CAUTION - EMERGENCY STOP BUTTON

- The Emergency Stop Push Button must not be bypassed, removed, or disabled.
- The switching process may only be triggered by suitable actuators which are safely connected to the contact element.
- The Emergency Stop Push Button must not be used as a substitute for protective measures or other safety functions. The Emergency Stop Push Button should be added as an additional safety measure.
- It is the installer's responsibility to ensure that the Emergency Stop Push Button complies with the local code requirements
- NEVER leave the Fire Feature unattended while in use.
- The Emergency Stop Button should only be used in emegencies. Misuse may result in equipment damage or operational disruptions.
- Inspect the Emergency Stop Button regularly to ensure it is functioning correctly.

CAUTION - TIMER

- This timer should not be used for precision timing applications.
- ELECTRIC SHOCK HAZARD. Only qualified personnel should install and service this equipment. Failure to follow instructions may result in serious injury or death.
- HIGH VOLTAGE. Ensure power is turned off before performing any maintenance or repair on this equipment. Failure to do so may result in electric shock.
- EXPLOSION HAZARD. Do not use this equipment in areas where flammable gases or liquids are present. Doing so may result in explosion or fire.
- MOVING PARTS. Keep hands and other body parts clear of moving parts during operation. Failure to do so may result in injury.
- IMPROPER USE. Use this equipment only for its intended purpose. Misuse or modification of the equipment may result in injury or damage to the equipment.
- OVERLOAD. Do not exceed the maximum capacity of the timer. Overloading the equipment may cause damage and result in injury.
- UNAUTHORIZED REPAIRS. Only authorized personnel should perform repairs on this equipment. Unauthorized repairs may result in injury or damage to the equipment.
- RISK OF ELECTRIC SHOCK. Do not touch the timer with wet hands or in wet conditions, as this increases the risk of electric shock.
- DO NOT DISASSEMBLE. There are no user-serviceable parts inside this equipment. Disassembly may result in injury or damage to the equipment, and will void the warranty.

power switch post.

Section 1 — Important Safety Instructions

WARNING

- Children and adults should be alerted to the risks of high surface temperatures and should stay at a safe distance to avoid burns or clothing ignition.
- **DO NOT** allow children to play on or around the fire feature or any associated equipment.
- **ALWAYS** closely supervise young children when around this product or pool.
- **DO NOT** use this fire feature if any part or component has been submerged in water. Immediately call a qualified service professional.

DANGER RISK OF ELECTRICAL SHOCK OR ELECTROCUTION!

- **ALWAYS** disconnect power at the circuit breaker before servicing this product. Failure to do so could result in death or serious injury.
- The electrical supply must be installed by a licensed or certified electrician or other qualified professional in accordance with the National Electrical Code (NEC) and all applicable local codes and ordinances.

WARNING

- For countries in compliance with International Electrotechnical Commission (IEC) regulatory standards: The fire feature must be installed by a licensed or certified electrician or other qualified professional, in accordance with IEC 364-7-702 and all applicable local codes and ordinances. Improper installation will create an electrical hazard that could result in death or serious injury to a pool user, installer, or others due to electric shock and may also damage the property.

CAUTION

- Label all wires prior to disconnection when servicing controls. Wiring errors can cause improper and dangerous operation, as well as damage electrical components .
- Confirm power requirements match the supply power.
- When using a Junction Box, connect the low voltage junction box terminals. Never connect the fire feature directly to high voltage lines.
- Ensure the pool or spa complies with the requirements of the current National Electrical Code (NEC), Article 680-22, and all applicable local codes and ordinances. A licensed or certified electrician must install the electrical system to meet or exceed those requirements before the fire bowl is installed.

Some of the requirements of the National Electrical Code which the pool electrical system must meet:

- The circuit has a Ground Fault Circuit Interrupter (GFCI) for 120 VAC line-voltage models and an appropriately rated circuit breaker. The conductors on the load side of the GFCI circuit shall not occupy conduit, boxes, or enclosures containing other conductors unless the additional conductors are also protected by a GFCI. Refer to local codes for complete details.
- The Junction Box and the low-voltage transformer are located at least 4 in (10.2 cm) above ground level or 8 in (20.3 cm) above the maximum water level in the bowl, whichever is higher. The Junction Box must be at least 2 ft (1.2 m) from the edge of the pool.
- To ensure the pool or spa electrical system meets all applicable requirements, the electrician should also consult the local building department.

power switch post.

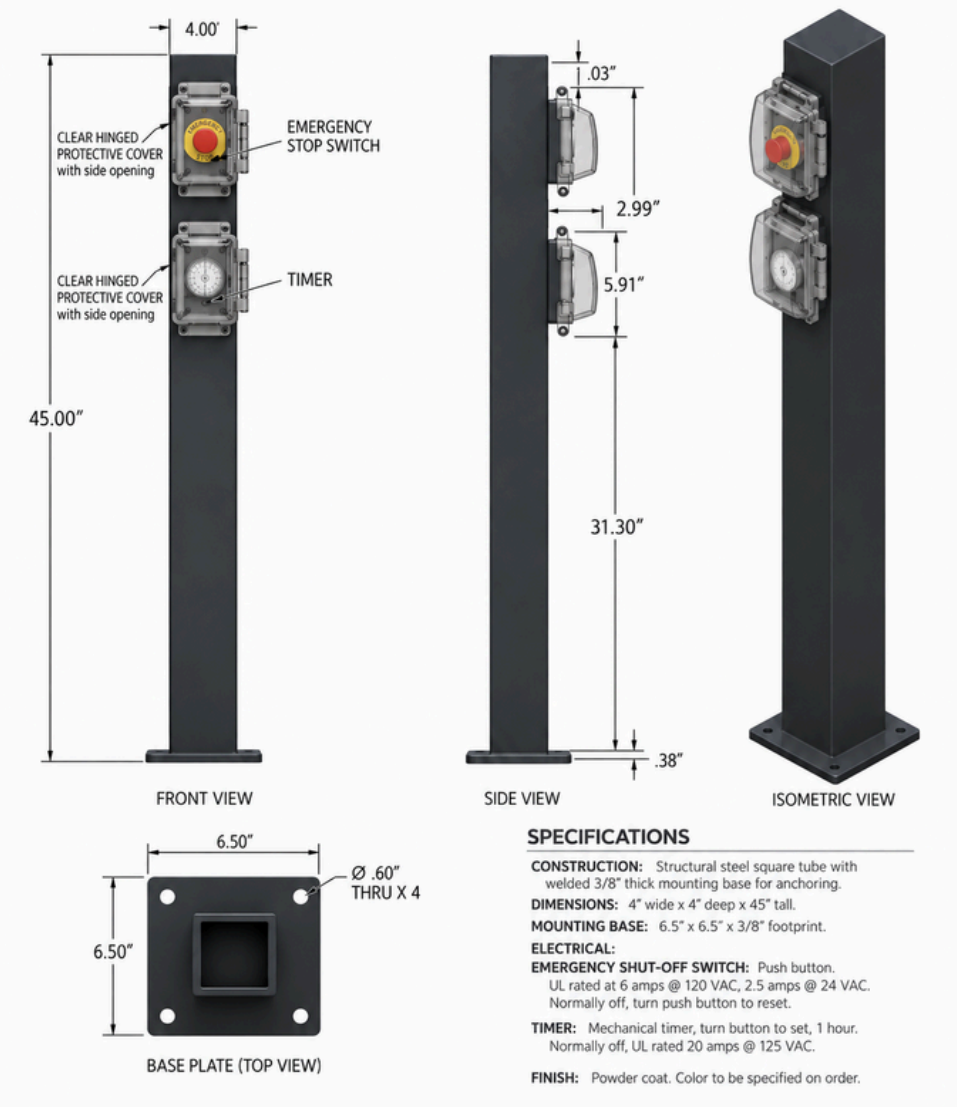
GENERAL WARNINGS (CONTINUED)

- It is the installer's responsibility to ensure a safe installation and to educate the end user on proper operation. Leave this manual with the end user.
- Never alter the product, its components, or its configuration in any way — this will void the warranty and may create a safety hazard.

CALIFORNIA PROPOSITION 65

This product can expose you to chemicals including Lead, Chromium, Crystalline Silicia, or Carbon Monoxide which are known in the state of California to cause cancer, birth defects or other reproductive harm. For more information, visit www.p65warnings.ca.gov.

Review the **Möbius by CEMTECH Caliofornia Propostion 65** document for additional information.



power switch post.

Section 2 — General Description

2.1 PRODUCT SPECIFICATIONS

Structural Steel Square Tube with Welded 3/8" Thick Mounting Base for Anchoring	
Column Width	4"
Column Depth	4"
Base Dimensions	W 6.5" x D 6.5" x H .38"
Overall Height	45"
Emergency Shut_Off Switch - Push Button.	UL Rate at 6 AMPS @ 120 VAC, 2.5 AMPS @24 VAC. Normally Off, Turn Push Button To Reset.
Timer- Mechanical Timer, Turn Buttom To Set, 1 Hour	Normally Off, UL Rated 20 AMPS @ 125 VAC
Polycarbonate Junction Box and Covers	
Product Weight	32 lbs

- All product dimensions are nominal and may vary slightly due to the handcrafted nature of products.
- For custom or non-standard configurations, contact Möbius by CEMTECH Technical Support for updated specification sheets hello@mobiusconcrete.com.

2.4 PRODUCT CONTENTS / PARTS LIST

Size 36.36.18 Part	Size 36.36.18 Qty
1	Structural Steel Post with anchoring flange	Qty 1
2	EMERGENCY SHUT-OFF SWITCH- PUSH BUTTON	Qty 1
3	TIMER-MECANICAL TIMER, TURN BUTTON TO SET, 1 HOUR NORMALLY OFF, UL RATED	Qty 1
4	Polycarbonate Junction Box and Cover	Qty 2
5	Finish Options: Anthracite or Bronze Brown	Qty 1
6	Mounting Bolts or Anchors Not Included	Qty O

3 SECTION 2 — GENERAL DESCRIPTION

Refer to Fire Feature installation details for all required clearances from combustible surfaces before selecting your installation location.

- All specifications subject to change without notice. Confirm current specifications with your Möbius representative prior to installation.
- All measurements are approximate unless otherwise noted.

3.1 RECEIVING AND MOVING

• Review our **Fire Pit Warranty and Assembly Manual** for full details.
Inspect the crate/pallet for damage on receipt; confirm PO/BOL numbers match the order.
• If damaged, notify the carrier immediately and mark the delivery damaged, or refuse receipt. Notify Möbius at hello@mobiusconcrete.com immediately.

3.2 SELECTING THE LOCATION

- Designed for a clean, permanent installation, the Safety Tower should be positioned for convenient access while maintaining an appropriate distance (recommended **10 feet / 3 meters)** from the outdoor feature.
- Proper placement and secure anchoring are essential to ensure long-term stability, reliable operation, and a finished architectural appearance.
- Select the Location — Choose a suitable installation location that keeps the Safety Tower separated from the outdoor feature while remaining readily accessible. Do not obstruct the Safety Tower with equipment or furniture. Keep the area around the button clear for immediate access.

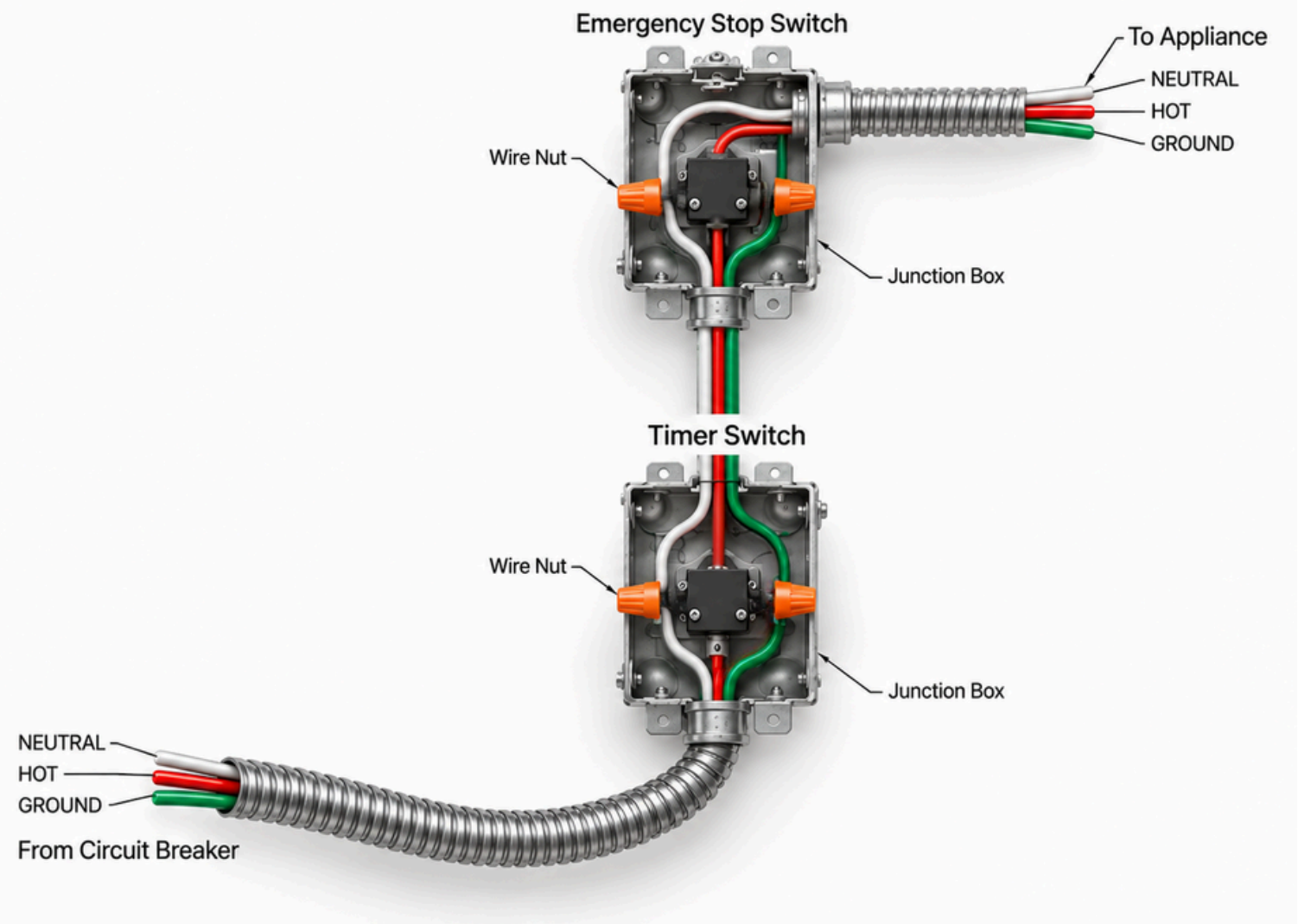
3.3 PLACEMENT

- Prepare the Location — Clean and level the mounting surface as needed to provide a stable foundation.
- Position the Tower — Place the Safety Tower in its final position and mark the mounting locations using chalk or another suitable marker. Confirm that the tower is properly aligned before drilling or anchoring.
- Secure the Tower — Anchor the Safety Tower to the hard surface using bolts or anchors appropriate for the mounting material. Verify that all anchoring hardware is securely tightened and provides a stable, permanent installation.
- Inspect & Test — Once installed, inspect the Safety Tower to confirm that it is securely mounted and free from visible damage. Test all installed controls to verify proper operation before placing the system into service. Periodically inspect and maintain the tower and its components to support continued safe, dependable performance.

3.4 WIRING

- Consult a qualified electrician when installing to ensure compliance with local electrical codes and regulations.
- Before installing, disconnect the system and device from power supply.
- The Emergency Stop Push Button must not be bypassed, removed, or disabled.
- Do not use Bell wire or low voltage wiring.

power switch post.



power switch post.

5.1 INITIAL TESTING

- Electrician needs to test for continuity when switchs are on.

5.4 NO ALTERATIONS

• Never alter any component or the unit's design - doing so may impair operation and will void the warranty.
• For service, replacement parts, or technical support, contact Möbius by CEMTECH at sales@mobiusmade.com or (760) 875-2723.

6 MAINTENANCE SCHEDULE OVERVIEW

• Clean with a damp cloth. Be careful to not get the electrical switchs wet.

7.1 TIMER DOESN'T TURN ON FIRE PIT.

Possible Cause	How to Fix
Power Connection	Make sure the timer is properly connected to the power source and the Fire Feature
Properly Programmed	Check the timer settings to ensure it is programmed correctly.

7.2 FIRE PIT TURNS ON BUT NOT OFF.

Possible Cause	How to Fix
Timer Damaged	Make sure the timer is not damaged or malfunctioning.

7.3 TIMER DOESN'T KEEP TIME ACCURATELY.

Possible Cause	How to Fix
Power Connection	Check the power source to ensure it is working properly.
Clock Setting	If it is a mechanical timer, make sure the clock is set correctly.

7.4 TIMER MAKES NOISES.

Possible Cause	How to Fix
Faulty Timer	This could be caused by a faulty timer.

Section 8 — Warranty (Reference the Möbius by CEMTECH Full Warranty)

8.1 WARRANTY SPECIFICATIONS

Möbius warrants that products are free from defects in materials and workmanship for a period of **two (2) years** from the date of the product invoice to the original purchaser. This warranty does not apply to damage resulting from accident, alterations, misuse, tampering, negligence, or abuse. Möbius will, at its discretion, repair, replace, or refund the purchase price of any items found defective upon inspection by an authorized service representative.
The warranty covers replacement of materials but does not include labor involving installation or maintenance.

the ignition system is covered under a 1-year warranty.
If the ignition system fails due to a defect in materials or workmanship under normal use and maintenance within one year from the date of shipment by Möbius, we will, at our option and after inspection, repair or replace the defective product or repay the full purchase price paid. For this warranty to apply, you must return the defective product to us within 1 year of the date we shipped it to you.

8.2 MULTI-PIECE PROJECTS

For projects containing multiple pieces, only the compromised pieces will be evaluated for replacement. All damaged pieces may be claimed for warranty, and Möbius will repair or replace them individually.

8.3 THE FOLLOWING DEFECTS ARE COVERED UNDER WARRANTY

- Structural cracks: Cracks that compromise the structure's integrity for its intended use, meeting specific criteria for width and length.
- Excessively large pitting: Pitting exceeding a certain diameter.
- Large chips: Chips smaller than a specified size can be repaired using appropriate methods.
- Extreme abnormal variation in print lines or pattern.
- Rust stains upon arrival.
- Visible repairs: Repairs should meet specific standards of cleanliness and uniformity.
- The customer has seven (7) days from delivery to inspect and report visible damage or defects. If this is caused by Möbius' manufacturing process this is covered under the warranty. If the damage is caused by shipping, then it would fall under a freight claim.

Any defect compromising the product's structural integrity or its acceptable appearance, as determined by industry standards and a visual assessment from a distance of 25 feet, is considered a rejectable defect and is covered by warranty.

8.4 THE FOLLOWING ITEMS ARE NOT COVERED UNDER WARRANTY

- Calcium-chloride damage: Damage caused by salt and de-icing chemicals.
- Improper surface care: Damage resulting from the use of harsh chemicals, solvents, or pressure washing.
- Loading and unloading damage: Damage incurred during offloading, which can be minimized by exercising care and using appropriate protective measures.
- Install damage: Damage resulting from improper installation procedures or later rejection of installed item.
- Chipping where hardware is installed: Damage occurring during or as a result of hardware installation, which can be prevented by following proper procedures.
- Packing marks as a result of long-term storage: Damage resulting from prolonged storage.
- This warranty does not cover damage from misuse or improper care and will void the product warranty.

möbius

sales@mobiusmade.com

www.mobiusmade.com

3242 Production Avenue
Suite A
Oceanside California,
92058