

INTERMATIC KM2 Series In Wall Timers Instruction Manual

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INTERMATIC KM2 Series In Wall Timers



Product Information

Specifications

- Clock Input: 120VAC, 60Hz
- Switch Rating: SPST and SPDT
- 20A @ 120VAC, 60Hz
- 1HP @ 120VAC
- Wiring Connections: Three #14AWG lead wires

Product Features

- 24-hour time switch program
- Captive trippers with 20-minute switching interval
- Reliable synchronous timer motor
- SPST or SPDT 20A, 1HP @ 125V switch
- OFF/ON/AUTO manual switch
- Mounts to standard electrical wall boxes
- Available with various wall plate options
- Three-way (SPDT) switch available
- UL and Canadian UL Listed

Product Usage Instructions

Installation Instructions

1. Check the input and output ratings on unit to make sure this product is suitable for your application.

WARNING: To avoid fire, shock, or death, turn off power at circuit breaker and test that power is off before wiring.

1. Wire in accordance with all national and local electrical codes (see wiring diagrams below).
2. Verify that all connections are secure. Double check all twist-on wire connectors.
3. Mount timer into wall box using the supplied screws.
4. Mount wall plate onto timer using the supplied screws.

Programming Instructions

The timer dial contains 72 trippers, each representing a 20 minute timer interval.

1. Setting the clock time – Rotate the dial gradually clockwise until the current time is aligned with the triangle marker at the 3 o'clock position.

NOTICE! Do not rotate the dial counter-clockwise. Doing so will damage the timer.

FAQ

Where can I find warranty information for this product?

This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) completing a warranty claim online at www.intermatic.com. This warranty is made by: Intermatic Incorporated, Customer Service 7777 Winn Rd. Spring Grove, Illinois 60081-9698. For warranty service go to: www.intermatic.com or call 815-675-7000.

What are the available ordering options for this product?

| Description | Switch |
|---------------------------|-----------|
| single gang | 20A, SPST |
| three-way single gang | 20A, SPDT |
| 2-gang/toggle opening | 20A, SPST |
| 2-gang/receptacle opening | 20A, SPST |
| 2-gang/decorator opening | 20A, SPST |
| 3-gang/decorator opening | 20A, SPST |
| 3-gang/toggle openings | 20A, SPST |
| 4-gang/toggle openings | 20A, SPST |

KM2 Series In-Wall Timers

Replaces standard wall switch to provide automatic control of out-door or indoor lighting, fans, pumps, office machines, and other types of circuits. Captive trippers are easy to set, can't be lost. 72 trippers provide up to 36 ON/OFF events in 24 hour period. OFF/ON/AUTO over-ride switch provides continuous ON or OFF positions. UL Listed. Easy wiring and installation.

FEATURES

- 24 hour time switch program
- Captive trippers with 20 minute switching interval
- Reliable synchronous timer motor
- SPST or SPDT 20A, 1HP @ 125V switch
- OFF/ON/AUTO manual switch
- Mounts to standard electrical wall boxes
- Available with 1, 2, 3, or 4-gang wall plates with toggle switch openings, 2-gang or 3-gang wall plates with decorator opening or 2-gang wall plate with duplex receptacle opening.
- Three way (SPDT) switch available
- UL and Canadian UL Listed

SPECIFICATIONS

Clock Input: 120VAC, 60Hz

Switch Rating: SPST and SPDT 20A @ 120VAC, 60Hz 1HP @ 120VAC

Environmental Ratings:

- **Operating Temperature Range:** –40°F to 180°F (–40°C to 85°C)
- **Operating Humidity:** 0 – 95% RH, non-condensing
- **Wiring Connections:** Three #14AWG lead wires

Installation Instructions

1. Check the input and output ratings on unit to make sure this product is suitable for your application.
 - **WARNING:** To avoid fire, shock or death, turn off power at circuit breaker and test that power is off before wiring.
2. Wire in accordance with all national and local electrical codes (see wiring diagrams below).
3. Verify that all connections are secure. Double check all twist-on wire connectors.
4. Mount timer into wall box using the supplied screws.
5. Mount wall plate onto timer using the supplied screws.

Programming Instructions

The timer dial contains 72 trippers, each representing a 20 minute timer interval.

| ORDERING DATA | | |
|---------------|---------------------------|-----------|
| 24 Hour Model | Description | Switch |
| KM2ST-1G | single gang | 20A, SPST |
| KM2STU-1G | three-way single gang | 20A, SPDT |
| KM2ST-2G | 2-gang/toggle opening | 20A, SPST |
| KM2ST-2R | 2-gang/receptacle opening | 20A, SPST |
| KM2ST-2D | 2-gang/decorator opening | 20A, SPST |
| KM2ST-3D | 3-gang/decorator opening | 20A, SPST |
| KM2ST-3G | 3-gang/toggle openings | 20A, SPST |
| KM2ST-4G | 4-gang/toggle openings | 20A, SPST |

WARNING

- To avoid fire, shock or death, turn off power at circuit breaker and test that power is off before wiring or servicing.
- Read instructions completely before installation and retain for future reference.
- Observe all national and local electrical codes.
- Alterations or modifications to the device will void the warranty.

Setting the clock time

Rotate the dial gradually clockwise until the current time is aligned with the tri-angle marker at the 3 o'clock position.

NOTICE! Do not rotate the dial counter-clockwise. Doing so will damage the timer.

Programming the timer

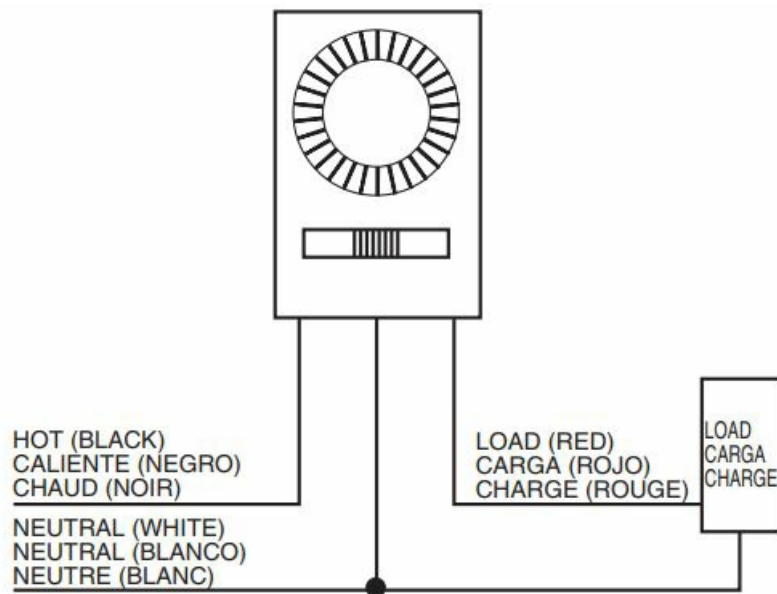
Move the slide switch to the right AUTO position. Move the tripper, corresponding to the start of the desired ON time, inward. Move each adjacent tripper inward until the desired OFF time is reached. Repeat for all desired ON/OFF cycles.

Manual Override Instructions

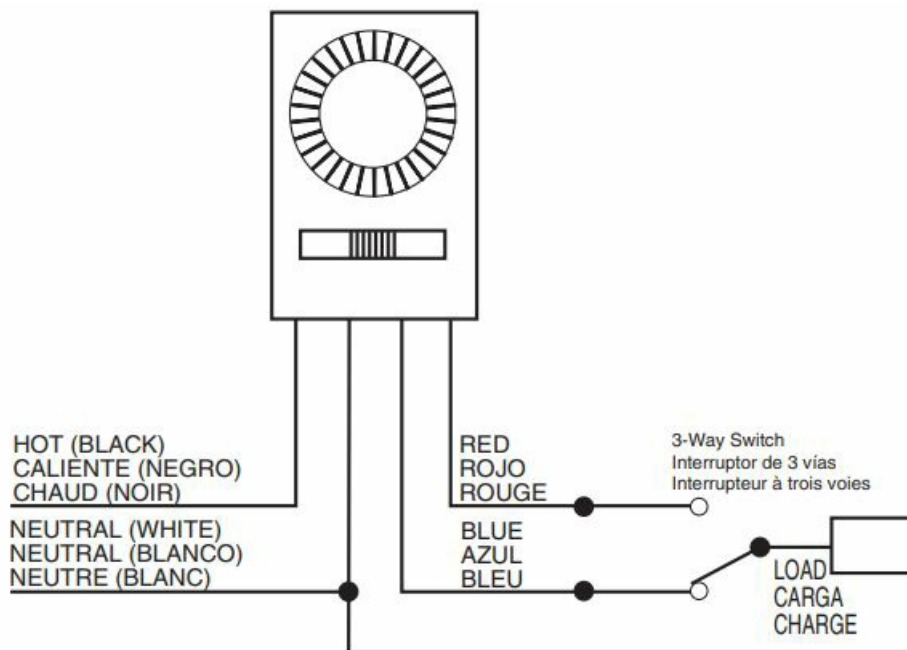
The slide switch provides manual operation of the load, overriding the timer programming. If set to the OFF position, the load will be continuously off. If set to the ON position the load will be continuously on. For automatic on/off function, set the switch to the AUTO position.

Wiring Diagrams

Standard Installation



3-Way Installation



LIMITED ONE-YEAR WARRANTY

If within the warranty period specified, this product fails due to a defect in material or workmanship, Intermatic Incorporated will repair or replace it, at its sole option, free of charge. This warranty is extended to the original purchaser only and is not transferable.

This warranty does not apply to:

- (a) damage to units caused by accident, dropping or abuse in handling, acts of God or any negligent use;
- (b) units that have been subject to unauthorized repair, opened, taken apart or otherwise modified;
- (c) units not used by instructions;
- (d) damages exceeding the cost of the product;
- (e) sealed lamps and/or lamp bulbs, LED, and batteries;
- (f) the finish on any portion of the product, such as surface and/or weathering, as this is considered normal

wear and tear;

- (g) transit damage, initial installation costs, removal costs, or reinstallation costs.

INTERMATIC INCORPORATED WILL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES. SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU. THIS WARRANTY IS IN LIEU OF ALL OTHER EXPRESS OR IMPLIED WARRANTIES. ALL IMPLIED WARRANTIES, INCLUDING THE WARRANTY OF MERCHANTABILITY AND THE WARRANTY OF FITNESS FOR A PARTICULAR PURPOSE, ARE HEREBY MODIFIED TO EXIST ONLY AS CONTAINED IN THIS LIMITED WARRANTY, AND SHALL BE OF THE SAME DURATION AS THE WARRANTY PERIOD STATED ABOVE. SOME STATES DO NOT ALLOW LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY, SO THE ABOVE LIMITATION MAY NOT APPLY TO YOU.

This warranty service is available by either (a) returning the product to the dealer from whom the unit was purchased, or (b) completing a warranty claim online at www.intermatic.com.


This warranty is made by:

Intermatic Incorporated, Customer Service 7777 Winn Rd. Spring Grove, Illinois 60081-9698. For warranty service go to: <http://www.intermatic.com> or call 815-675-7000.



Distributed by: INTERMATIC INCORPORATED Spring Grove, IL 60081-9698 www.intermatic.com

<http://waterheatertimer.org/Intermatic-timers-and-manuals.html#KM2>

Documents / Resources

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|---|---|
|  | <p>INTERMATIC KM2 Series In Wall Timers [pdf] Instruction Manual KM2 1-gang, KM2 Series In Wall Timers, KM2 Series, In Wall Timers, Wall Timers, Timers</p> |
|---|---|

References

-  [Intermatic timers and manuals](#)
-  [intermatic.com](http://www.intermatic.com)
- [User Manual](#)