

In-Wall Timer - Ascend® Standard 7-Day Programmable Timer, 120 VAC, 15A, White

Item ST700W



PRODUCT DESCRIPTION

The Ascend Standard In-Wall Timer is a 7-Day Programmable Timer featuring a sleek, modern design. The timer can be configured in minutes using a large backlit LCD display and includes pre-programmed templates for easy use. The Ascend Standard features Astronomic dusk-to-dawn settings and automatic Daylight Saving Time adjustments. Neutral required. *NOTE: Not for use with sunlamps, saunas, or loads that could cause personal injury if timed incorrectly.

FEATURES

- ▶ Quick, intuitive installation
- ▶ Single-pole or 3-way switches
- ▶ Sleek, Modern Design
- ▶ 7-Day Timer with Automatic Daylight Saving and Astronomic ON/OFF at Dusk or Dawn
- ▶ Intuitive Setup
- ▶ Three pre-programmed schedule templates for convenience
- ▶ Fully customized scheduling for flexibility
- ▶ Program up to 42 unique events
- ▶ Large, easy-to-read backlit LCD screen
- ▶ Non-replaceable battery backup keeps time and date information in the event of a power loss

APPLICATIONS

- ▶ Indoor Lighting Control
- ▶ Air Movement & Ventilation
- ▶ Outdoor Lighting Control

TECHNICAL DATA

| General | |
|--|--|
| Model Number | ST700W |
| Description | Ascend® Standard 7-Day Programmable Timer, 120 VAC, 15A, White |
| UPC Code | 078275149083 |
| Brand | Intermatic |
| Country of Origin (Intermatic) | THAILAND |
| Warranty Period | 3-Year limited |
| Control Specifications | |
| Minimum ON/OFF Times | 1 min |
| Maximum ON/OFF Operations | 42 |
| Operation Mode | 24 hour; 7 day |
| Operation Features | Astronomic; Daylight Saving Time |
| Mechanism Type | Digital/Electrical |
| Backup Type | Battery |
| Battery Type | Lithium Metal |
| Battery Service Type | Non-replaceable |
| Application Compatibilities | CFL; Fluorescent; Incandescent; LED |
| Chemical Composition of the Battery Cell | Lithium |
| Number of Batteries Included | 1 |
| Battery Weight (grams) | 3.2 |
| Number of Lithium Metal Cells in Battery | 1 |

| | |
|------------------------------------|-------|
| Watt Hours Per Battery | 0.66 |
| Lithium Content (grams) in Battery | 0.109 |

Mechanical Specifications

| | |
|---------------------------|-------------|
| Wall Plate Configurations | Single-Gang |
|---------------------------|-------------|

Dimensions

| | |
|-----------------------------------|-----------------------------------|
| Product Dimensions (H x W x D) in | 2.75 x 1.75 x 1.33333333333333 in |
|-----------------------------------|-----------------------------------|

Material Specifications

| | |
|-------|-------|
| Color | White |
|-------|-------|

Load Ratings

| | |
|---|---------------------------------|
| General Purpose | 15 A |
| Electronic Ballast LED | 5 A, 600 W |
| Motor Load Ratings Ranges | 1 HP, 120 VAC, 50/60 Hz |
| Tungsten Load Ratings | 8 A |
| Inductive Load Ratings Ranges | 15 A, 120 VAC, 50/60 Hz |
| Incandescent Load Ratings (Multi-Gang) | 8 A, 120 VAC, 50 Hz; 8 A, 60 Hz |
| Incandescent Multi Gang Load Ratings Ranges | 8 A, 120 VAC, 50/60 Hz |

Electrical Specifications

| | |
|-----------------------------|-------------------|
| Input Voltage Range(s) | 120 VAC, 50/60 Hz |
| Wiring Configurations | 3-Way; Single |
| Switch Type | SPST-NO |
| Neutral Connection Required | Yes |

Environmental Specifications

| | |
|-------------------------|---------------------------|
| Temperature (operation) | -4 - 122 °F / -20 - 50 °C |
|-------------------------|---------------------------|

Packaging

| | |
|---------------------------------------|-------------------|
| Shipping Weight (lbs) | 0.45 |
| Unit Carton Dimensions (H x W x D) in | 4.88 x 3 x 2.5 in |

Benefits

| | |
|--|---|
| Number of Lithium-ion Cells in Battery | 1 |
|--|---|

Standards and Certifications

| | |
|--|--------------------------|
| UL Certification | cULus |
| Other Certifications and Compatibilities | Title 20; Green Energy + |
| California Proposition 65 | DEHP |
| RoHS Certification | X |



Libertyville, Illinois 60048
www.intermatic.com

Ascend™

Quick Installation and Setup Guide

Page 2

Guide d'installation et de configuration rapide

Page 10

Guía rápida de instalación y configuración

Página 18

See back page for details on accessing the comprehensive Timer manual.

Consultez le verso pour des détails sur l'accès au manuel complet de la minuterie.

Consulte la contraportada para obtener detalles sobre cómo acceder al manual completo del temporizador.



STW700W Smart In-Wall Timer/
ST700W Standard In-Wall Timer

COMPLIANCE

This device complies with part 15 of the FCC. Operation 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.

FCC NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important note: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

This Class B digital apparatus complies with ICES-005 of Canada.

WARNINGS/SAFETY

WARNING

Risk of Fire or Electric Shock

- Disconnect power at the circuit breaker(s) or disconnect switch(es) before installing or servicing.
- Installation and/or wiring must be in accordance with national and local electrical code requirements.
- Only use copper conductors rated 105°C minimum.
- Battery is not user replaceable.
- Do NOT use timer to control devices that could have dangerous consequences due to inaccurate timing, such as sun lamps, saunas, heaters, and slow cookers.

WARNING

- **Ingestion Warning:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.
- Risk of injury or death. Always plug three-prong plug into a properly grounded outlet. Never attempt to defeat this safety feature.
- Do not use timer to control devices that could have dangerous consequences due to inaccurate timing, such as sun lamps, sauna, heaters, crock pots, etc.
- Unplug timer before replacing batteries.



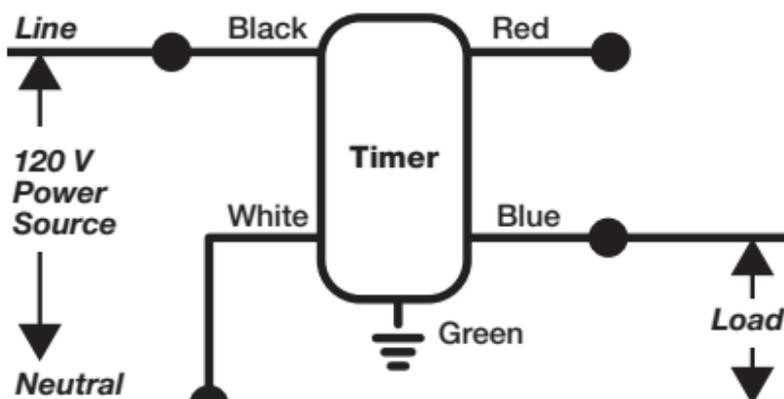
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Product is only compatible CR2032 (3V) Battery.
- Call a local poison control center for treatment information. • Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

Ratings¹

| | |
|-------------------------------|--------------------------------|
| Operating Voltage | 120 VAC, 50/60 Hz |
| General Purpose | 15 A |
| Inductive Ballast | 15 A |
| Tungsten/Incandescent | 8 A |
| Electronic Ballast/LED Driver | 5 A |
| LED Load | 600 W |
| Motor Load | 1 HP |
| Dimensions | 2 3/4" H x 1 3/4" W x 1 1/3" D |

¹Type 1.C Action Operating Control, Pollution Degree 2, Impulse Voltage 2500 V

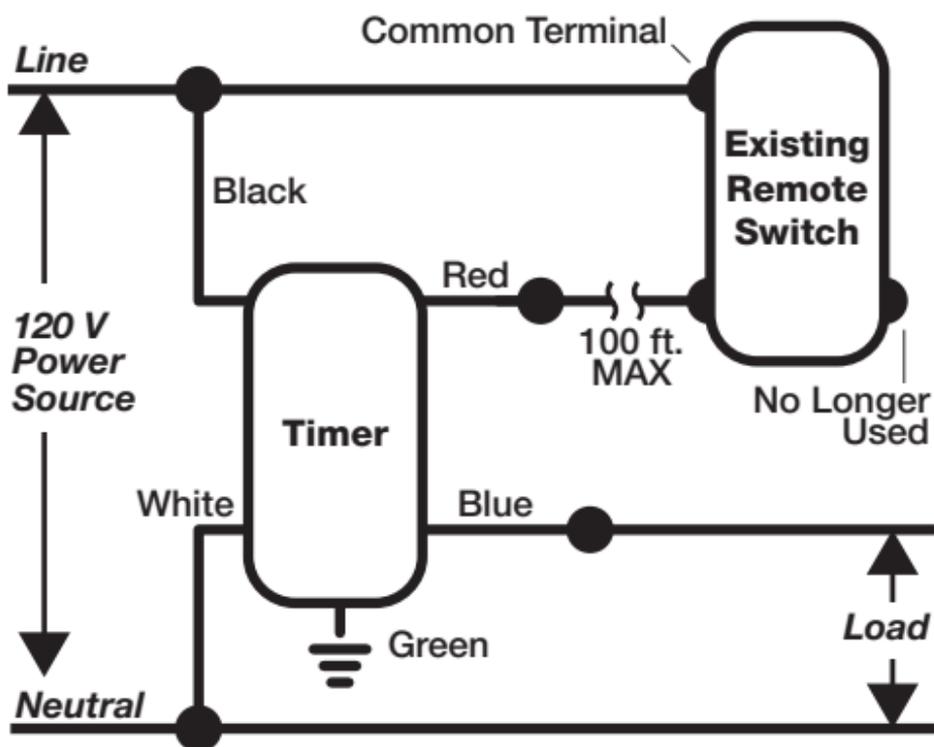
SINGLE-POLE WIRING



| Wire | Description |
|-------|---|
| Blue | Connects to black wire from Load |
| White | Connects to white (neutral) wire from Load and Power Source |
| Black | Connects to black (hot) wire from Power Source |
| Green | Connects to ground |
| Red | Not used in single-pole installations |

Note: To be installed in single- and double-gang with 2-1/2" minimum depth.
4 Please consult a qualified electrician for specific wiring details.

TYPICAL THREE-WAY WIRING



| Wire | Description |
|-------|--|
| Blue | Connects to black wire from Load |
| White | Connects to white (neutral) wire from Load and Power Source |
| Black | Connects to black (hot) wire from Power Source |
| Green | Connects to ground |
| Red | Connects through remote switch to black (hot) wire from Power Source |

Note: For other three-way wiring scenarios, go to www.Intermatic.com/Ascend.

WARRANTY

LIMITED WARRANTY

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 1950 Innovation Way, Suite 300, Libertyville, IL 60048. For warranty service go to: <http://www.Intermatic.com> or call 815-675-7000.

For complete information on Intermatic products, literature and Contractors Guides visit www.intermatic.com.

PRODUCT OVERVIEW

The Ascend 7-Day Timer portfolio consists of two timer models: ST700W Standard and STW700W Wi-Fi enabled. In addition to the intuitive control interface common to both models, the Wi-Fi enabled Timer offers a mobile app for access to a quick setup feature, the ability to save schedules for easy transfer to other Ascend Wi-Fi enabled timers, and convenient monitoring from any iOS or Android mobile device. The STW700W has two wireless connection options:

Access Point Mode

- Creates a peer-to-peer communication network between the Timer and your mobile device to offer a direct connection for initial setup, scheduling, and remote control of your Timer.
- Provides the necessary communication between the Timer and the App, through your mobile device, to connect the Timer to a local Wi-Fi Network. The Timer's Wi-Fi settings are only accessible through the App.
- Access Point range is approximately 100'.

Wi-Fi Mode

- Connects the Timer to your local wireless network and extends the mobile app range to match your network range.
- Allows initial set up and scheduling through Wi-Fi.
- Provides the benefit of constant connection with every Timer on your network, when using the App.

Setup Instructions

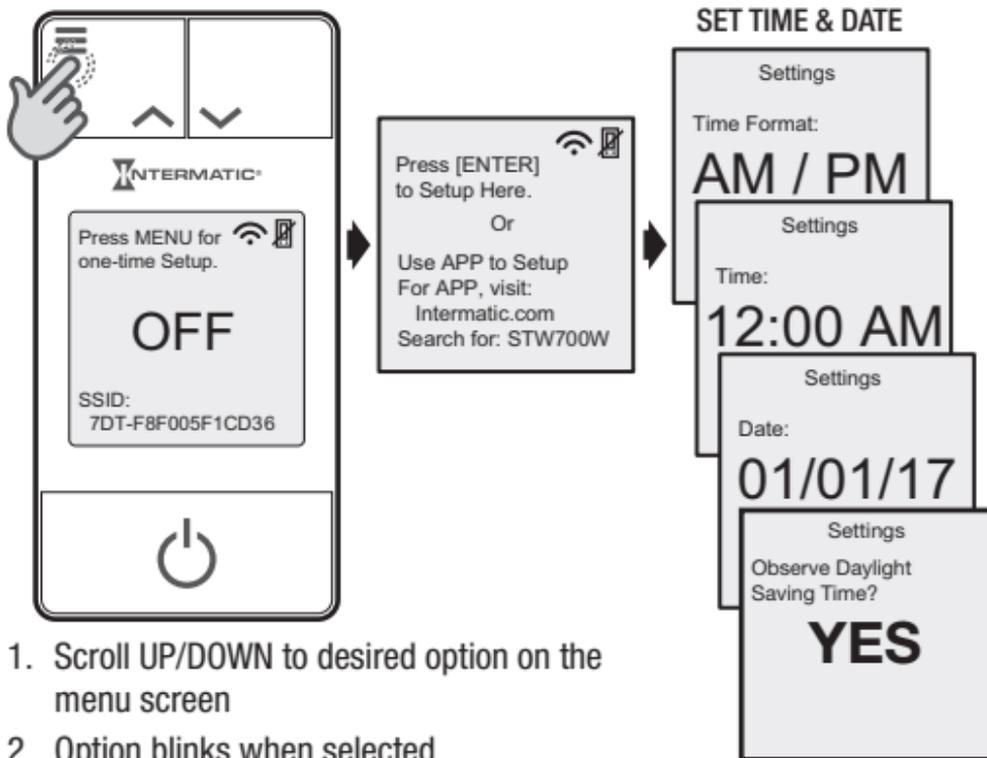
ST700W:

- Go to the **Initial Setup at Timer** section for instructions.

STW700W:

- Go to the **Initial Setup at Timer** section for instructions.
- Go to the Apple Store or Google Play Store and download the Intermatic Connect App for initial setup.

INITIAL SETUP AT TIMER



1. Scroll UP/DOWN to desired option on the menu screen
2. Option blinks when selected
3. Press ENTER to confirm and move to the next menu

Note:

- *The App setup option is only applicable to the STW700W Wi-Fi enabled model. Press ENTER to begin setup for the ST700W standard model.*
- *You must complete all screens before returning to the Timer interface screen.*
- *Refer to the comprehensive user guide on Intermatic.com for descriptions of **Schedule Templates**.*
- *Refer to the **Latitude/Longitude** estimation chart on pages 26 and 27.*
- *The SSID,  and  icons are not available for the ST700W.*

ENTER LOCATION SETTINGS

Settings

Latitude:
42.0°

Settings

Longitude:
-82.5°

SELECT COUNTRY

Settings

Country:
USA
Mexico
Canada

SET TIME ZONE

Settings

Timezone:
Pacific
Mountain
Central
Eastern

PRESS ENTER

Settings Saved

SELECT SCHEDULE

Schedule

- 1 ON all night
- 2 ON evenings
- 3 ON morning/evening
- 4 Custom Schedule
- 5 Cancel

SETUP SCHEDULE?

Do you want to setup a schedule?

YES

Yes

No

SETUP COMPLETE

AUTO  

OFF

Fri 11:00 AM

Next:
ON @ Mon 8:00 PM

SETUP COMPLETE

MANUAL  

OFF

Fri 11:00 AM

CONFORMITÉ

Ce dispositif est conforme à la section 15 des réglementations de la FCC. Son fonctionnement est soumis aux deux conditions suivantes : (1) cet appareil ne doit pas causer d'interférences nuisibles, et (2) cet appareil doit accepter toute autre interférence reçue, y compris les interférences pouvant entraîner un fonctionnement non désiré.

REMARQUE FCC : Le fabricant n'est pas responsable des interférences radio ou TV causées par des modifications non autorisées de cet équipement. De telles modifications pourraient annuler le droit de l'utilisateur à faire fonctionner l'équipement.

REMARQUE : Cet équipement a été testé et jugé conforme aux limites d'un appareil numérique de classe B, conformément à la partie 15 des règlements de la FCC. Ces limites sont conçues pour fournir une protection raisonnable contre les interférences nuisibles dans une installation résidentielle. Cet équipement génère, utilise et peut émettre de l'énergie radiofréquence et, s'il n'est pas installé et utilisé conformément aux instructions, peut provoquer des interférences nuisibles aux communications radio. Cependant, il n'y a pas de garantie que l'interférence ne sera pas présente dans une installation spécifique. Si cet appareil provoque des interférences nuisibles à la réception radio ou télévision, ce qui peut être déterminé en mettant l'appareil hors tension, l'utilisateur est invité à essayer de corriger l'interférence par une ou plusieurs des mesures suivantes :

- Réorienter ou déplacer l'antenne de réception.
- Augmentez la séparation entre l'équipement et le récepteur.
- Connectez l'équipement dans une prise sur un circuit différent de celui auquel le récepteur est connecté.
- Consultez le revendeur ou un technicien radio/TV pour de l'aide.

Remarque importante : Pour se conformer avec les exigences de conformité d'exposition aux radiofréquences de la FCC, aucune modification à l'antenne ou à l'appareil n'est permise. Toute modification à l'antenne ou à l'appareil pourrait faire en sorte que l'appareil dépasse les exigences d'exposition aux radiofréquences et annule le droit de l'utilisateur de faire fonctionner l'appareil.

Cet appareil numérique de classe B est conforme à la norme NMB-005 du Canada.

AVERTISSEMENTS/SÉCURITÉ



AVERTISSEMENT

Risque d'incendie ou d'électrocution

- Coupez l'alimentation des disjoncteurs ou éteignez les interrupteurs avant toute installation ou intervention.
- L'installation et le câblage doivent être réalisés conformément aux exigences des normes électriques nationales et régionales.
- Utilisez uniquement des conducteurs en cuivre dont la température nominale minimum est de 105°C.
- La batterie n'est pas remplaçable par l'utilisateur.
- N'utilisez PAS la minuterie pour contrôler des appareils pouvant avoir des conséquences dangereuses en raison d'un chronométrage erroné, tels que les lampes solaires, les saunas, les appareils de chauffage et les mijoteuses.



AVERTISSEMENT

- **Avertissement en cas d'ingestion** Ce produit contient une pile bouton.
- **LA MORT** ou des blessures graves peuvent survenir en cas d'ingestion.
- Une pile bouton avalée peut provoquer des **brûlures chimiques internes** en seulement **2 heures**.
- **GARDEZ** les piles neuves et usagées **HORS DE LA PORTÉE** des **ENFANTS**
- **Consultez immédiatement un médecin** s'il y a lieu de penser qu'une pile a été avalée ou introduite dans une partie du corps. Riesgo de lesión o muerte. Siempre conecte el enchufe de tres clavijas en un tomacorriente conectado adecuadamente a tierra. Nunca intente anular esta característica de seguridad.
- **No use el temporizador para controlar dispositivos que pueden tener consecuencias peligrosas debido a la inexactitud de la temporización, tales como lámparas de rayos ultravioleta, sauna, calefactores, ollas eléctricas, etc.**
- **Desconecte el temporizador antes de reemplazar las baterías**



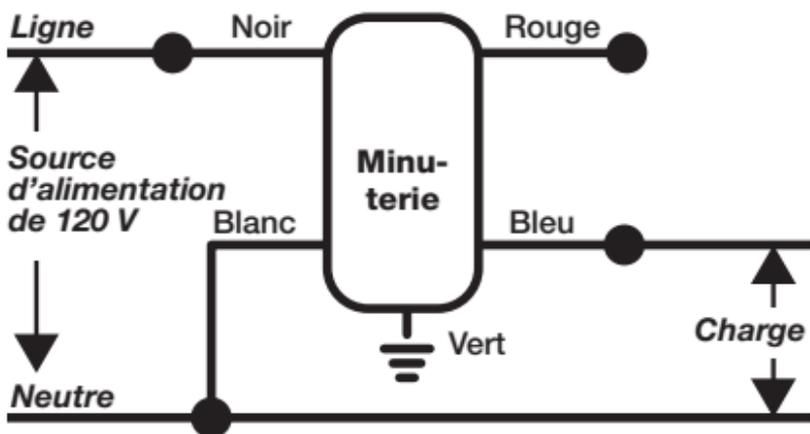
- Retirez les piles usagées et recyclez-les immédiatement ou mettez-les au rebut conformément aux réglementations locales et tenez-les hors de portée des enfants. Ne jetez PAS les piles dans les ordures ménagères et ne les incinerez pas.
- Même les piles usagées peuvent provoquer des blessures graves, voire mortelles.
- Remplacez-les uniquement par des piles CR2032 (3V).
- Appelez un centre antipoison local pour obtenir des informations sur le traitement.
- Les piles non rechargeables ne doivent pas être rechargées.
- Ne forcez pas la décharge, ne rechargez pas, ne démontez pas, ne chauffez pas au-delà de la température nominale spécifiée par le fabricant et n'incinerez pas. Vous risqueriez de vous blesser en raison d'un dégagement, d'une fuite ou d'une explosion entraînant des brûlures chimiques.

Valeurs nominales¹

| | |
|---------------------------|---|
| Tension de fonctionnement | 120 V CA, 50/60 Hz |
| Usage général | 15 A |
| Ballast inductif : | 15 A |
| Tungstène/Incandescent | 8 A |
| Ballast électronique/DEL | 5 A |
| Charge DEL | 600 W |
| Charge du moteur | 1 HP |
| Dimensions | 69,9 mm H x 44,5 mm L X 33,9 mm P (2 3/4 po H x 1 3/4 po L x 1 1/3 po P) |

¹Type 1.C Contrôle de fonctionnement d'action, degré de pollution 2, tension de choc 2 500 V

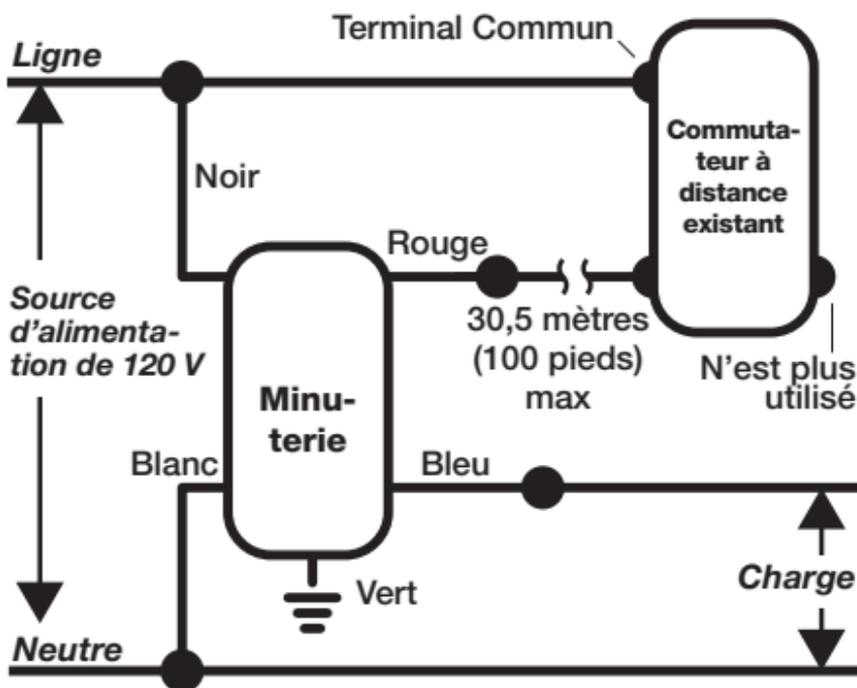
CÂBLAGE UNIPOLAIRE



| Fil | Description |
|-------|---|
| Bleu | Se connecte au fil noir de la charge |
| Blanc | Se connecte au fil blanc (neutre) provenant de la charge et de la source d'alimentation |
| Noir | Se connecte au fil noir (chargé) de la source d'alimentation |
| Vert | Se connecte à la terre |
| Rouge | Non utilisé dans les installations unipolaires. |

Remarque : Doit être installé dans une commande unique et double avec une profondeur minimale de 63,5 mm (2,5 po). Veuillez consulter un électricien certifié pour les détails de câblage spécifiques.

CÂBLAGE TYPIQUE À TROIS VOIES



| Fil | Description |
|-------|--|
| Bleu | Se connecte au fil noir de la charge |
| Blanc | Se connecte au fil blanc (neutre) provenant de la charge et de la source d'alimentation |
| Noir | Se connecte au fil noir (chargé) de la source d'alimentation |
| Vert | Se connecte à la terre |
| Rouge | Se connecte à travers le commutateur à distance au fil noir (chargé) de la source d'alimentation |

Remarque : Pour d'autres scénarios de câblages à trois voies, rendez-vous sur www.Intermatic.com/Ascend.

GARANTIE

GARANTIE LIMITÉE

Ce service de garantie est disponible (a) en retournant le produit au vendeur auprès duquel l'unité a été achetée ou (b) en remplissant un formulaire en ligne de réclamation de garantie sur www.intermatic.com. Cette garantie est faite par : Intermatic Incorporated, Customer Service 1950 Innovation Way, Suite 300, Libertyville, IL 60048. Pour les services de garantie, accédez à la page suivante : <http://www.Intermatic.com> ou appelez au 815-675-7000.

Pour des informations complètes sur les produits Intermatic, la littérature et les guides de l'entrepreneur, visitez www.intermatic.com.

APERÇU DU PRODUIT

Le portefeuille de produits Ascend 7-Day Timer consiste en deux modèles de minuterie : ST700W Standard et STW700W avec Wi-Fi. En plus de l'interface de commande intuitive commune aux deux modèles, la minuterie avec Wi-Fi propose une application mobile pour accéder à une fonction de configuration rapide, la possibilité d'enregistrer les horaires pour faciliter le transfert à d'autres minuterie Ascend Wi-Fi, et le suivi pratique depuis tout appareil mobile iOS ou Android. Le STW700W a deux options de connexion sans fil :

Mode point d'accès

- Crée un réseau pair à pair (P2P) de communication entre la minuterie et votre appareil mobile pour offrir une connexion directe pour la configuration initiale, la programmation et le contrôle à distance de votre minuterie.
- Fournit la communication nécessaire entre la minuterie et l'app, à travers votre appareil mobile, pour connecter la minuterie à un réseau Wi-Fi local. Les réglages de la minuterie Wi-Fi ne sont accessibles que via l'app.
- La portée du point d'accès est d'approximativement 30,5 m (100 pi).

Mode Wi-Fi

- Connecte la minuterie à votre réseau sans-fil local et étend la portée de l'app mobile pour correspondre à la portée de votre réseau.
- Permet la configuration initiale et la programmation par le biais d'une connexion Wi-Fi.
- Fournit le bénéfice d'une connexion constante avec chaque minuterie sur votre réseau, lors de l'utilisation de l'App.

Instructions de configuration

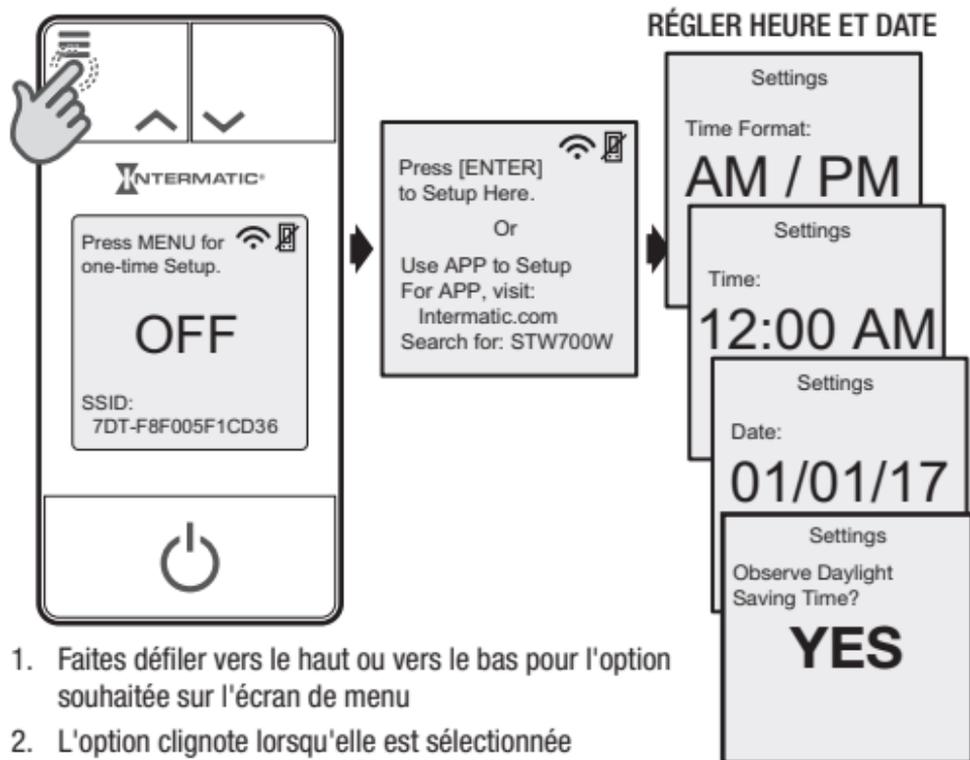
ST700W :

- Passez à la section **Configuration initiale à la minuterie** pour des instructions.

STW700W :

- Passez à la section **Configuration initiale à la minuterie** pour des instructions.
- Rendez-vous dans le Apple Store ou le Google Play Store et téléchargez l'app Intermatic Connect pour la configuration initiale.

CONFIGURATION INITIALE À LA



1. Faites défiler vers le haut ou vers le bas pour l'option souhaitée sur l'écran de menu
2. L'option clignote lorsqu'elle est sélectionnée
3. Appuyez ENTRÉE (ENTER) pour confirmer et vous déplacer vers le prochain menu

Remarque :

- L'option de réglage de l'app n'est applicable qu'au modèle compatible STW700 Wi-Fi. Appuyez sur ENTRÉE (ENTER) pour commencer la configuration pour le modèle standard ST700W.
- Vous devez remplir tous les écrans avant de revenir à l'écran d'interface de la minuterie.
- Reportez-vous au guide complet de l'utilisateur sur Intermatic.com pour des descriptions des **modèles de programmation**.
- Référez-vous au tableau d'estimation **Latitude/Longitude** aux pages 26 et 27.
- Les icônes SSID et  et  ne sont pas disponibles pour le ST700W.

MINUTERIE

ENTREZ LES PARAMÈTRES D'EMPLACEMENT

Settings

Latitude:

42.0°

Settings

Longitude:

-82.5°

CHOISIR PAYS

Settings

Country:

USA
Mexico
Canada

RÉGLER FUSEAU HORAIRE

Settings

Timezone:

Pacific
Mountain
Central
Eastern

APPUYEZ SUR ENTRÉE

Settings Saved

CONFIGURER LA PROGRAMMATION?

CHOISIR PROGRAMMATION

Schedule

- 1 ON all night
- 2 ON evenings
- 3 ON morning/evening
- 4 Custom Schedule
- 5 Cancel

Do you want to setup a schedule?

YES

Oui

Non

CONFIGURATION TERMINÉE

AUTO  

OFF

Fri 11:00 AM

Next:
ON @ Mon 8:00 PM

CONFIGURATION TERMINÉE

MANUAL  

OFF

Fri 11:00 AM

CONFORMIDAD

Este dispositivo cumple con la Parte 15 de la FCC. El funcionamiento está sujeto a las dos condiciones siguientes: (1) este dispositivo no puede causar interferencia dañina, y (2) este dispositivo debe aceptar cualquier interferencia recibida, incluida la interferencia que podría causar un funcionamiento no deseado.

NOTA DE LA FCC: El fabricante no se hace responsable por ninguna interferencia de radio o televisión causada por modificaciones no autorizadas a este equipo. Dichas modificaciones pueden anular la capacidad del usuario para utilizar el equipo.

NOTA: Este equipo se probó y cumple con los límites para un dispositivo digital clase B según la Parte 15 de las normas de la FCC. Los límites proporcionan una protección razonable contra interferencia dañina en una instalación residencial. Este equipo genera, usa y puede irradiar energía de radiofrecuencia y, si no se instala y utiliza conforme a las instrucciones, puede provocar interferencia dañina en las comunicaciones de radio. Sin embargo, no existe garantía de que no se produzca interferencia en una instalación específica. Si el equipo provoca interferencia dañina en la recepción de radio o televisión, lo que se puede determinar al encender y apagar el equipo, se recomienda al usuario que intente corregir la interferencia por medio de una o más de las siguientes medidas:

- Cambie la orientación o la ubicación de la antena de recepción.
- Aumente la separación entre el equipo y el receptor.
- Conecte el equipo en un enchufe de un circuito distinto a donde está conectado el receptor.
- Consulte al distribuidor o a un técnico de radio/TV con experiencia para obtener ayuda.

Nota importante: A fin de satisfacer los requisitos de cumplimiento de exposición a RF de la FCC, no se permite realizar cambios en la antena ni en el dispositivo. Cualquier modificación a la antena o al dispositivo podría generar que el dispositivo supere los requisitos de exposición a RF y se anule la capacidad del usuario para usar el equipo.

Este aparato digital clase B cumple con la norma ICES-005 de Canadá.

ADVERTENCIAS/SEGURIDAD



ADVERTENCIA

Riesgo de incendio o descarga eléctrica

- Desconecte el suministro eléctrico de los disyuntores o los interruptores de desconexión antes de comenzar la instalación o el mantenimiento.
- La instalación y el cableado deben realizarse de conformidad con las disposiciones de los códigos eléctricos locales y nacionales.
- Use solo conductores de cobre con calificación para 105 °C como mínimo.
- La batería no puede ser reemplazada por el usuario.
- NO utilice el temporizador para controlar dispositivos que podrían tener consecuencias peligrosas debido a una sincronización incorrecta, como lámparas solares, saunas, estufas y ollas de cocimiento lento.



ADVERTENCIA

- **Advertencia de ingesta:** Este producto contiene una batería de botón o una batería plana
- **Si se ingiere, puede producirse la MUERTE** o lesiones graves.
- Una batería de botón o una batería plana ingerida puede causar **quemaduras químicas internas** en tan solo **2 horas**.
- **MANTENGA** las baterías nuevas y usadas **FUERA DEL ALCANCE** de **LOS NIÑOS**
- **Busque atención médica inmediata** si sospecha que se ha tragado o insertado una batería dentro de cualquier parte del cuerpo.
- **Risque de blessures voire de mort. Toujours brancher la fiche à trois broches dans une prise correctement mise à la terre. Ne jamais tenter d'aller à l'encontre de ce dispositif de sécurité.**
- **Ne pas utiliser la minuterie pour contrôler des appareils qui pourraient avoir de dangereuses conséquences en raison d'un calcul de temps inexact, tels que lampes solaires sauna, appareils de chauffage, mijoteuses, etc.**
- **Débranchez la minuterie avant de remplacer les batteries.**



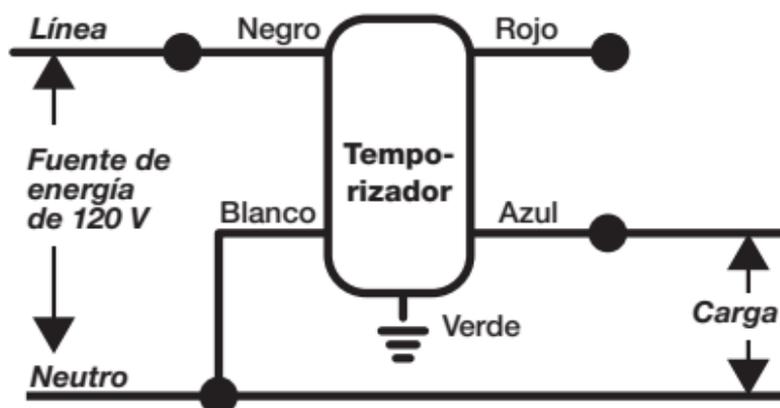
- Retire y recicle o deseche inmediatamente las baterías usadas de acuerdo con las regulaciones locales y manténgalas fuera del alcance de los niños. NO deseche las baterías en la basura doméstica ni las incinere.
- Incluso las baterías usadas pueden causar lesiones graves o la muerte.
- Reemplácela únicamente con una batería CR2032 (3V).
- Llame a un centro de control local de intoxicaciones para obtener información sobre el tratamiento.
- Las baterías no recargables no se deben recargar.
- No fuerce la descarga, recargue, desmonte, caliente por encima de (la temperatura nominal especificada por el fabricante) ni incinere. Hacerlo puede provocar lesiones debido a la ventilación, fugas o explosiones que provoquen quemaduras químicas.

Capacidades¹

| | |
|---------------------------|--|
| Voltaje de funcionamiento | 120 V CA, 50/60 Hz |
| Propósito general | 15 A |
| Balastro inductivo | 15 A |
| Tungsteno o incandescente | 8 A |
| Balastro electrónico/LED | 5 A |
| LED de carga | 600 W |
| Carga de motor | 1 HP |
| Dimensiones | 2 3/4 pulg. altura x 1 3/4 pulg. ancho x 1 1/3 pulg. prof. |

¹Control operativo de acción tipo 1.C, grado de contaminación 2, sobretensión de 2500 V

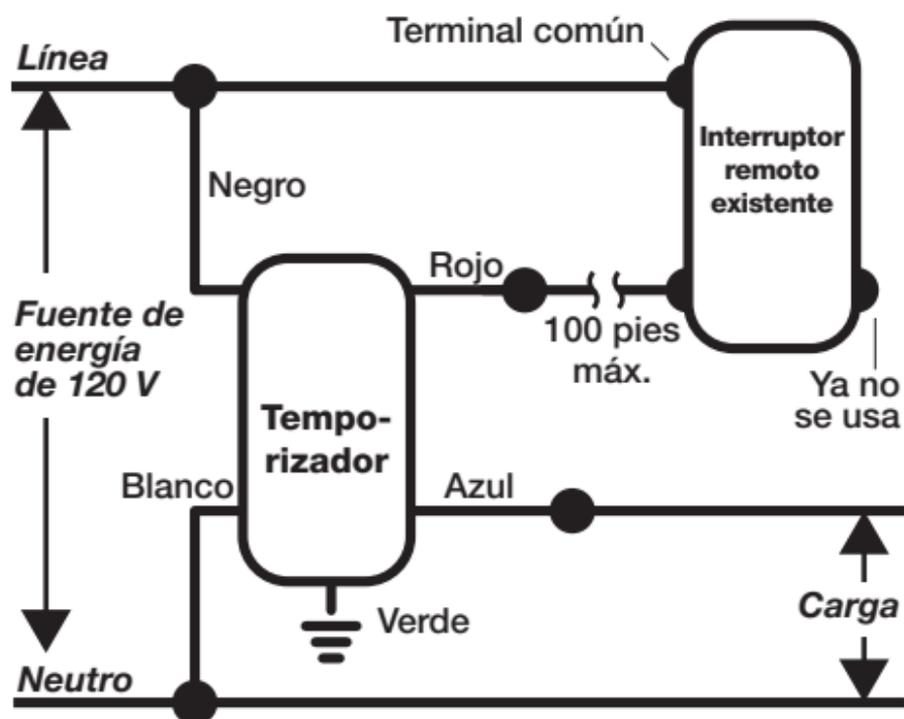
CABLEADO UNIPOLAR



| Cable | Descripción |
|--------|---|
| Azul | Se conecta al cable negro desde la carga |
| Blanco | Se conecta al cable blanco (neutro) desde la carga y la fuente de energía |
| Negro | Se conecta al cable negro (vivo) desde la fuente de energía |
| Verde | Se conecta a tierra |
| Rojo | No se utiliza en las instalaciones unipolares |

Nota: Para su instalación en caja de entrada simple o doble con una profundidad mínima de 2-1/2 pulg. Consulte a un electricista calificado para obtener detalles específicos sobre el cableado.

CABLEADO DE TRES VÍAS NORMAL



| Cable | Descripción |
|--------|---|
| Azul | Se conecta al cable negro desde la carga |
| Blanco | Se conecta al cable blanco (neutro) desde la carga y la fuente de energía |
| Negro | Se conecta al cable negro (vivo) desde la fuente de energía |
| Verde | Se conecta a tierra |
| Rojo | Se conecta a través de un interruptor remoto al cable negro (vivo) desde la fuente de energía |

Nota: Para conocer las otras tres situaciones de cableado de tres vías, vaya a www.Intermatic.com/Ascend.

GARANTÍA

GARANTÍA LIMITADA

Este servicio de garantía está disponible mediante (a) la devolución del producto al proveedor al que se le compró la unidad; o (b) el llenado de una reclamación de garantía en línea en www.intermatic.com. Esta garantía la otorga: Intermatic Incorporated, Customer Service 1950 Innovation Way, Suite 300, Libertyville, IL 60048. Para obtener servicios de garantía, ingrese a: <http://www.Intermatic.com> o llame al 815-675-7000.

Si desea información detallada sobre los productos, literatura y guías para los contratistas de Intermatic, visite www.intermatic.com.

DESCRIPCIÓN GENERAL DEL PRODUCTO

La cartera de temporizadores Ascend para 7 días consta de dos modelos de temporizador: ST700W estándar y STW700W activado para Wi-Fi. Además de la interfaz de control intuitiva de ambos modelos, el temporizador activado para Wi-Fi ofrece una aplicación móvil para acceder a una función de configuración rápida, la capacidad de guardar programas para una transferencia simple a otros temporizadores Ascend activados para Wi-Fi y un cómodo monitoreo desde cualquier dispositivo móvil iOS o Android. STW700W tiene dos opciones de conexión inalámbrica:

Modo de punto de acceso

- Crea una red de comunicación de punto a punto entre el temporizador y su dispositivo móvil, a fin de ofrecer una conexión directa para la configuración inicial, programación y control remoto de su temporizador.
- Proporciona la comunicación necesaria entre el temporizador y la aplicación, a través de su dispositivo móvil, para conectar el temporizador a una red Wi-Fi local. La configuración Wi-Fi del temporizador solo se puede acceder por medio de la aplicación.
- El punto de acceso tiene un alcance de aproximadamente 30,5 metros.

Modo Wi-Fi

- Conecta el temporizador a su red inalámbrica local y amplía el alcance de la aplicación móvil según el alcance de su red.
- Permite realizar la configuración inicial y la programación a través de Wi-Fi.
- Ofrece el beneficio de una conexión constante con todos los temporizadores de su red al usar la aplicación.

Instrucciones de configuración

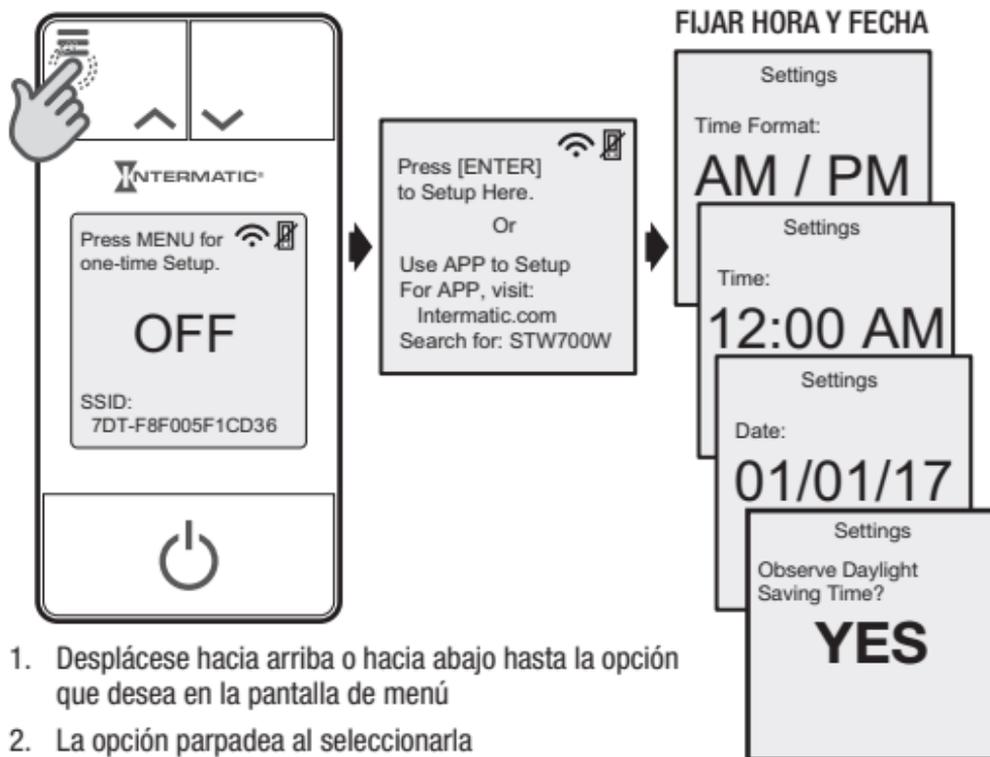
ST700W:

- Vaya a la sección **Configuración inicial en el temporizador** para ver las instrucciones.

STW700W:

- Vaya a la sección **Configuración inicial en el temporizador** para ver las instrucciones.
- Vaya a Apple Store o Google Play Store y descargue Intermatic Connect App para la configuración inicial.

CONFIGURACIÓN INICIAL EN EL



1. Desplácese hacia arriba o hacia abajo hasta la opción que desea en la pantalla de menú
2. La opción parpadea al seleccionarla
3. Presione Intro (ENTER) para confirmar y vaya al siguiente menú

Nota:

- La opción de configuración de la aplicación solo se encuentra en el modelo STW700W activado para Wi-Fi. Presione Intro (ENTER) para comenzar la configuración en el modelo ST700W estándar.
- Debe completar todas las pantallas para volver a la pantalla de interfaz del temporizador.
- Consulte la guía de usuario completa en Intermatic.com para obtener descripciones de **Plantillas de programación**.
- Consulte la tabla de estimados de **Latitud/Longitud** en las páginas 26 y 27.
- La SSID y los iconos  y  no están disponibles para ST700W.

TEMPORIZADOR

INGRESAR AJUSTES DE UBICACIÓN

Settings

Latitude:
42.0°

Settings

Longitude:
-82.5°

SELECCIONAR PAÍS

Settings

Country:
USA
Mexico
Canada

FIJAR ZONA HORARIA

Settings

Timezone:
Pacific
Mountain
Central
Eastern

PRESIONAR
INTRO

**Settings
Saved**

SELECCIONAR PROGRAMA

Schedule

- 1 ON all night
- 2 ON evenings
- 3 ON morning/evening
- 4 Custom Schedule
- 5 Cancel

¿CONFIGURAR
PROGRAMA?

Do you want to
setup a schedule?

YES

Sí

No

CONFIGURACIÓN COMPLETA

AUTO  

OFF

Fri 11:00 AM

Next:
ON @ Mon 8:00 PM

CONFIGURACIÓN COMPLETA

MANUAL  

OFF

Fri 11:00 AM

LATITUDE/LONGITUDE

Major United States Cities

| City | Lat. n° | Long. w° |
|-----------------|---------|----------|
| Albany, NY | 43 | -74 |
| Albuquerque, NM | 35 | -107 |
| Amarillo, TX | 35 | -102 |
| Anchorage, AK | 61 | -150 |
| Atlanta, GA | 34 | -84 |
| Austin, TX | 30 | -98 |
| Baker, OR | 45 | -118 |
| Baltimore, MD | 39 | -77 |
| Bangor, ME | 45 | -69 |
| Birmingham, AL | 34 | -87 |
| Bismarck, ND | 47 | -101 |
| Boise, ID | 44 | -116 |
| Boston, MA | 42 | -71 |
| Buffalo, NY | 43 | -79 |
| Carlsbad, NM | 32 | -104 |
| Charleston, WV | 38 | -82 |
| Charlotte, NC | 35 | -81 |
| Cheyenne, WY | 41 | -105 |
| Chicago, IL | 42 | -88 |
| Cincinnati, OH | 39 | -85 |
| Cleveland, OH | 41 | -82 |
| Columbia, SC | 34 | -81 |
| Columbus, OH | 40 | -83 |
| Dallas, TX | 33 | -97 |
| Denver, CO | 40 | -105 |
| Des Moines, IA | 42 | -94 |
| Detroit, MI | 42 | -83 |
| Dubuque, IA | 43 | -91 |
| Duluth, MN | 47 | -92 |
| El Paso, TX | 32 | -106 |
| Eugene, OR | 44 | -123 |
| Fargo, ND | 47 | -97 |
| Flagstaff, AZ | 35 | -112 |

| City | Lat. n° | Long. w° |
|-------------------|---------|----------|
| Fresno, CA | 37 | -120 |
| Grand Rapids, MI | 43 | -86 |
| Helena, MT | 47 | -112 |
| Honolulu, HI | 21 | -158 |
| Hot Springs, AR | 35 | -93 |
| Houston, TX | 30 | -95 |
| ID Falls, ID | 44 | -112 |
| Indianapolis, IN | 40 | -86 |
| Jackson, MS | 32 | -90 |
| Jacksonville, FL | 30 | -82 |
| Juneau, AK | 58 | -134 |
| Kansas City, MO | 39 | -95 |
| Key West, FL | 25 | -82 |
| Klamath Falls, OR | 42 | -122 |
| Knoxville, TN | 36 | -84 |
| Las Vegas, NV | 36 | -115 |
| Los Angeles, CA | 34 | -118 |
| Louisville, KY | 38 | -86 |
| Manchester, NH | 43 | -72 |
| Memphis, TN | 35 | -90 |
| Miami, FL | 26 | -80 |
| Milwaukee, WI | 43 | -88 |
| Minneapolis, MN | 45 | -93 |
| Mobile, AL | 31 | -88 |
| Montgomery, AL | 32 | -86 |
| Montpelier, VT | 44 | -73 |
| Nashville, TN | 36 | -87 |
| New Haven, CT | 41 | -73 |
| New Orleans, LA | 30 | -90 |
| New York, NY | 41 | -74 |
| Nome, AK | 64 | -166 |
| Oklahoma City, OK | 35 | -97 |
| Philadelphia, PA | 40 | -75 |

| City | Lat. n° | Long. w° |
|--------------------|---------|----------|
| Phoenix, AZ | 33 | -112 |
| Pierre, SD | 44 | -100 |
| Pittsburgh, PA | 40 | -80 |
| Portland, ME | 44 | -70 |
| Portland, OR | 46 | -123 |
| Providence, RI | 42 | -71 |
| Raleigh, NC | 36 | -79 |
| Reno, NV | 40 | -120 |
| Richfield, UT | 39 | -112 |
| Richmond, VA | 38 | -77 |
| Roanoke, VA | 37 | -80 |
| Sacramento, CA | 39 | -122 |
| Salt Lake City, UT | 41 | -112 |
| San Antonio, TX | 29 | -99 |
| San Diego, CA | 33 | -117 |
| San Francisco, CA | 38 | -122 |
| San Juan, PR | 19 | -66 |
| Savannah, GA | 32 | -81 |
| Seattle, WA | 48 | -122 |
| Shreveport, LA | 32 | -94 |
| Sioux Falls, SD | 44 | -97 |
| Spokane, WA | 48 | -117 |
| Springfield, IL | 40 | -90 |
| Springfield, MO | 37 | -93 |
| St. Louis, MO | 39 | -90 |
| Syracuse, NY | 43 | -76 |
| Tampa, FL | 28 | -82 |
| Virginia Beach, VA | 37 | -76 |
| Washington, D.C. | 39 | -77 |
| Wichita, KS | 38 | -97 |
| Wilmington, NC | 34 | -78 |

Note: *These charts provide approximate information on your Latitude and Longitude. Perform an app or Internet search for location specific values.*

Major Canadian Cities

| City | Lat. n° | Long. w° |
|-----------------|---------|----------|
| Calgary, AL | 51 | -114 |
| Edmonton, AL | 54 | -113 |
| Fredericton, NB | 46 | -67 |
| Halifax, NS | 45 | -64 |
| London, ON | 43 | -82 |
| Montreal, QC | 46 | -74 |
| Nelson, BC | 50 | -117 |
| Ottawa, ON | 45 | -76 |
| Quebec, QC | 53 | -74 |
| Regina, SK | 50 | -105 |
| Toronto, ON | 44 | -79 |
| Vancouver, BC | 49 | -123 |
| Whitehorse, YT | 61 | -135 |
| Winnipeg, MB | 50 | -97 |

Major Mexican Cities

| City | Lat. n° | Long. w° |
|------------------|---------|----------|
| Acapulco | 17 | -100 |
| Cancún | 21 | -87 |
| Colima | 19 | -104 |
| Culiacán | 25 | -107 |
| Durango | 24 | -105 |
| Guadalajara | 21 | -103 |
| La Paz | 24 | -110 |
| León | 21 | -102 |
| Mérida | 21 | -90 |
| Mexico City | 19 | -99 |
| Monterrey | 26 | -100 |
| Morelia | 20 | -101 |
| Oaxaca | 17 | -97 |
| Querétaro | 21 | -100 |
| Tepic | 22 | -105 |
| Tuxtla Gutiérrez | 17 | -93 |
| Veracruz | 19 | -96 |
| Villahermosa | 18 | -93 |
| Zacatecas | 23 | -103 |



Scan this QR code, using your mobile device and any QR code reader app, to get quick access to the comprehensive installation and operation manual for the STW700W and ST700W In-Wall Timers on Intermatic.com.

Balayez ce code QR en utilisant votre appareil mobile ou tout app lecteur de code QR pour obtenir un accès rapide au manuel de fonctionnement et d'installation complet pour les minuteries STW700W et ST700W In-Wall Timers sur Intermatic.com.

Escanee este código QR con su dispositivo móvil y cualquier aplicación para leer códigos QR, a fin de acceder rápidamente al manual de instalación y operación completo de los temporizadores empotrados STW700W y ST700W en Intermatic.com.



Libertyville, Illinois 60048

www.intermatic.com

Ascend™

Timer Installation & Operation Manual



*STW700W Smart In-Wall Timer/
ST700W Standard In-Wall Timer*

COMPLIANCE

This device complies with part 15 of the FCC. Operation 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.

FCC NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Important note: To comply with the FCC RF exposure compliance requirements, no change to the antenna or the device is permitted. Any change to the antenna or the device could result in the device exceeding the RF exposure requirements and void user's authority to operate the device.

This Class B digital apparatus complies with ICES-005 of Canada.

WARNINGS/SAFETY

WARNING

Risk of Fire or Electric Shock

- Disconnect power at the circuit breaker(s) or disconnect switch(es) before installing or servicing.
- Installation and/or wiring must be in accordance with national and local electrical code requirements.
- Only use copper conductors rated 105°C minimum.
- Battery is not user replaceable.
- Do NOT use timer to control devices that could have dangerous consequences due to inaccurate timing, such as sun lamps, saunas, heaters, and slow cookers.

WARNING

- **Ingestion Warning:** This product contains a button cell or coin battery.
- **DEATH** or serious injury can occur if ingested.
- A swallowed button cell or coin battery can cause **Internal Chemical Burns** in as little as **2 hours**.
- **KEEP** new and used batteries **OUT OF REACH** of **CHILDREN**
- **Seek immediate medical attention** if a battery is suspected to be swallowed or inserted inside any part of the body.
- Risk of injury or death. Always plug three-prong plug into a properly grounded outlet. Never attempt to defeat this safety feature.
- Do not use timer to control devices that could have dangerous consequences due to inaccurate timing, such as sun lamps, sauna, heaters, crock pots, etc.
- Unplug timer before replacing batteries.



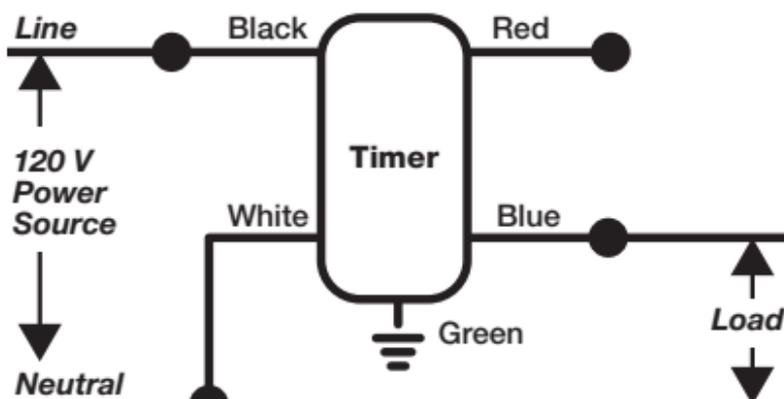
- Remove and immediately recycle or dispose of used batteries according to local regulations and keep away from children. Do NOT dispose of batteries in household trash or incinerate.
- Even used batteries may cause severe injury or death.
- Product is only compatible CR2032 (3V) Battery.
- Call a local poison control center for treatment information. • Non-rechargeable batteries are not to be recharged.
- Do not force discharge, recharge, disassemble, heat above (manufacturer's specified temperature rating) or incinerate. Doing so may result in injury due to venting, leakage or explosion resulting in chemical burns.

Ratings¹

| | |
|-------------------------------|--------------------------------|
| Operating Voltage | 120 VAC, 50/60 Hz |
| General Purpose | 15 A |
| Inductive Ballast | 15 A |
| Tungsten/Incandescent | 8 A |
| Electronic Ballast/LED Driver | 5 A |
| LED Load | 600 W |
| Motor Load | 1 HP |
| Dimensions | 2 3/4" H x 1 3/4" W x 1 1/3" D |

¹Type 1.C Action Operating Control, Pollution Degree 2, Impulse Voltage 2500 V

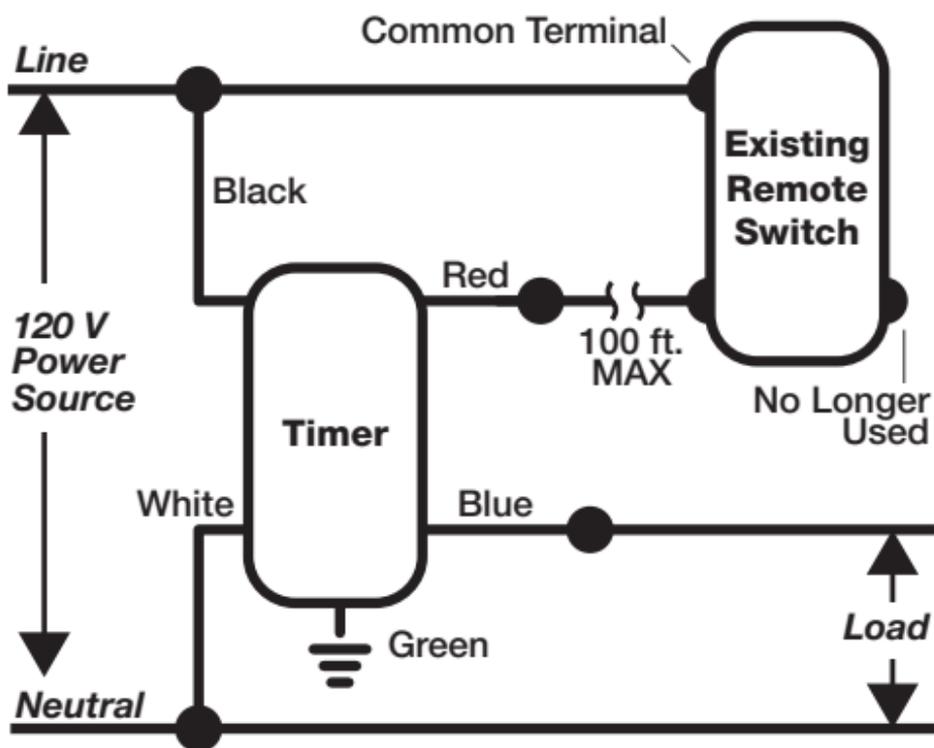
SINGLE-POLE WIRING



| Wire | Description |
|-------|---|
| Blue | Connects to black wire from Load |
| White | Connects to white (neutral) wire from Load and Power Source |
| Black | Connects to black (hot) wire from Power Source |
| Green | Connects to ground |
| Red | Not used in single-pole installations |

Note: To be installed in single- and double-gang with 2-1/2" minimum depth.
4 Please consult a qualified electrician for specific wiring details.

TYPICAL THREE-WAY WIRING



| Wire | Description |
|-------|--|
| Blue | Connects to black wire from Load |
| White | Connects to white (neutral) wire from Load and Power Source |
| Black | Connects to black (hot) wire from Power Source |
| Green | Connects to ground |
| Red | Connects through remote switch to black (hot) wire from Power Source |

Note: For other three-way wiring scenarios, go to www.Intermatic.com/Ascend.

PRODUCT OVERVIEW

The Ascend 7-Day Timer portfolio consists of two timer models: ST700W Standard and STW700W Wi-Fi enabled. In addition to the intuitive control interface common to both models, the Wi-Fi enabled Timer offers a mobile app for access to a quick setup feature, the ability to save schedules for easy transfer to other Ascend Wi-Fi enabled timers, and convenient monitoring from compatible Apple or Android mobile devices.

Access Point Mode

- Creates a peer to peer communication network between the Timer and your mobile device to offer a direct connection for initial setup, scheduling, and control of your Timer.

Wi-Fi Mode (Local)

- Connects the Timer to your local wireless network.
- Provides the benefit of constant connection with every Timer on your network, when using the app.

Remote Access (Cloud)

- Establishing an Intermatic Connect Account and registering a Timer(s) with your account, enables access from anywhere you have an active Wi-Fi or cellular connection.

Voice Integration

- Works with Alexa and Google Home. Setup required using the Alexa or Google Home apps. See our website for installation details.
- When paired with Alexa or Google Home, users can command the Timer ON/OFF, Change Mode or get Timer status.

Setup Instructions

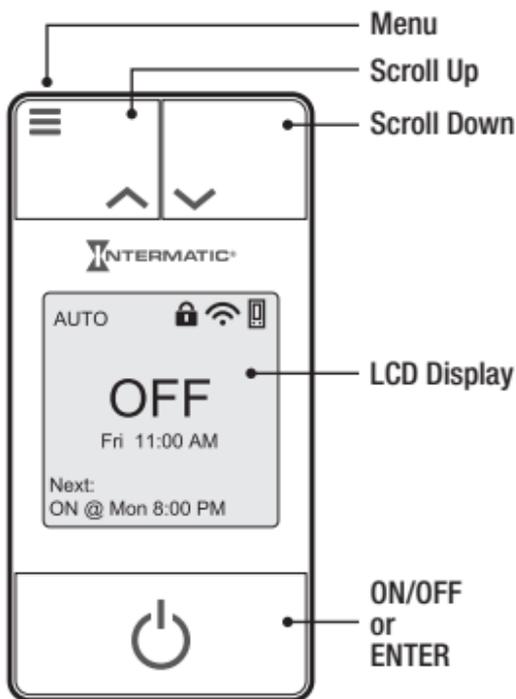
ST700W:

- Go to the Initial Setup at Timer section for instructions.

STW700W:

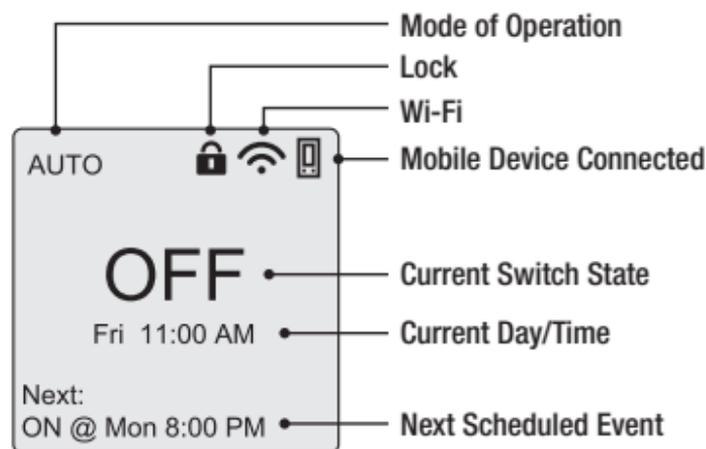
- Go to the Initial Setup at Timer section for instructions.
- Go to the Apple Store or Google Play Store and download the Intermatic Connect App. Follow the instructions in the App to set up your timer.

SWITCH INTERFACE



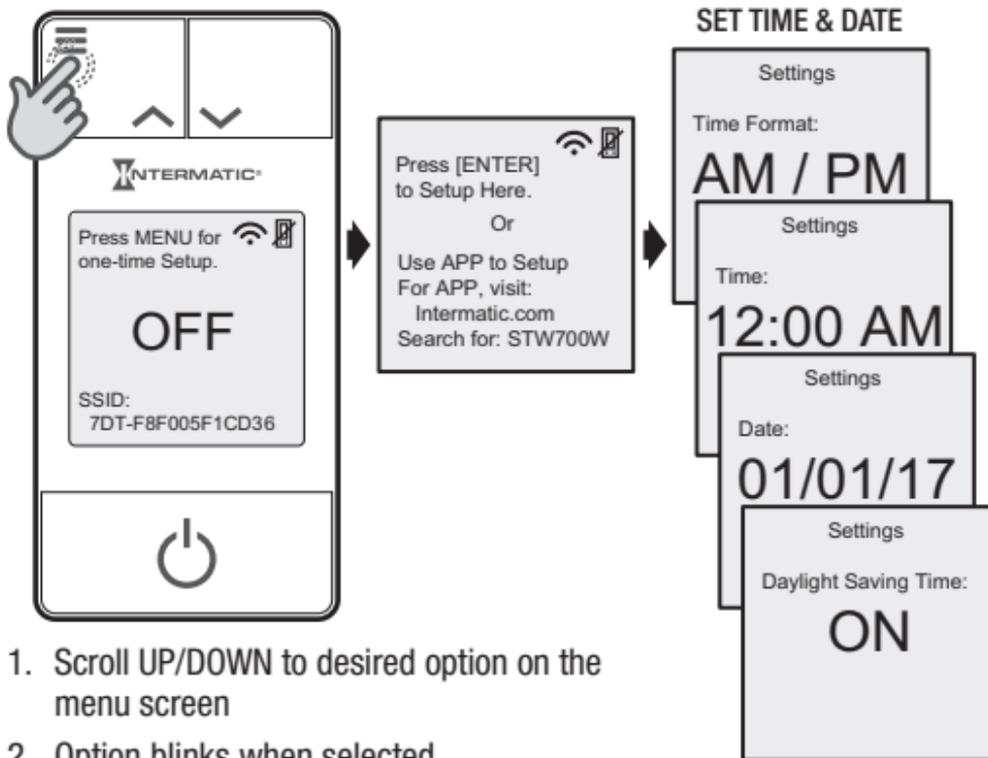
| Icon | Description |
|------|--|
| | Timer locked |
| | Wi-Fi active |
| | Access Point Mode <i>Timer Connected</i> |
| | Access Point Mode <i>Timer waiting for connection</i> |
| | Wi-Fi Mode <i>Timer connected to network</i> |
| | Wi-Fi Mode <i>Timer not connected to network</i> |

LCD Display



Note: *Display icons change based on timer model and programmed settings.*

INITIAL SETUP AT TIMER



1. Scroll UP/DOWN to desired option on the menu screen
2. Option blinks when selected
3. Press ENTER to confirm and move to the next menu

Note:

- The app setup option is only applicable to the STW700W Wi-Fi enabled model. Press ENTER to begin setup for the ST700W standard model.
- You must complete all screens before returning to the Timer interface screen.
- Refer to **page 11** for descriptions of **Schedule Templates**.
- Refer to the **Latitude/Longitude** estimation chart on **page 20** or perform an app or Internet search for location specific values.
- The SSID and the  and  icons are not available for the ST700W.

ENTER LOCATION SETTINGS

Settings

Latitude:
42.0°

Settings

Longitude:
-82.5°

SELECT COUNTRY

Settings

Country:
USA
Mexico
Canada

SET TIME ZONE

Settings

Timezone:
Pacific
Mountain
Central
Eastern

PRESS
ENTER

**Settings
Saved**

SELECT SCHEDULE

Schedule

- 1 ON all night
- 2 ON evenings
- 3 ON morning/evening
- 4 Custom Schedule
- 5 Cancel

SETUP SCHEDULE?

Do you want to
setup a schedule?

YES

Yes

No

SETUP COMPLETE

AUTO  

OFF

Fri 11:00 AM

Next:
ON @ Mon 8:00 PM

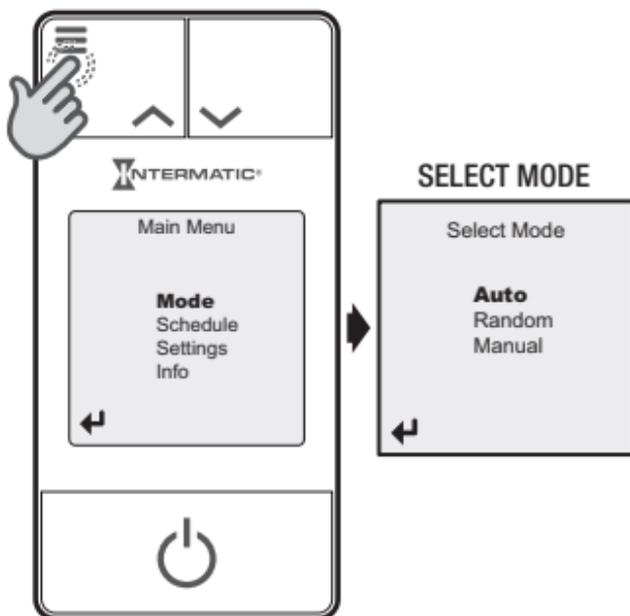
SETUP COMPLETE

MANUAL  

OFF

Fri 11:00 AM

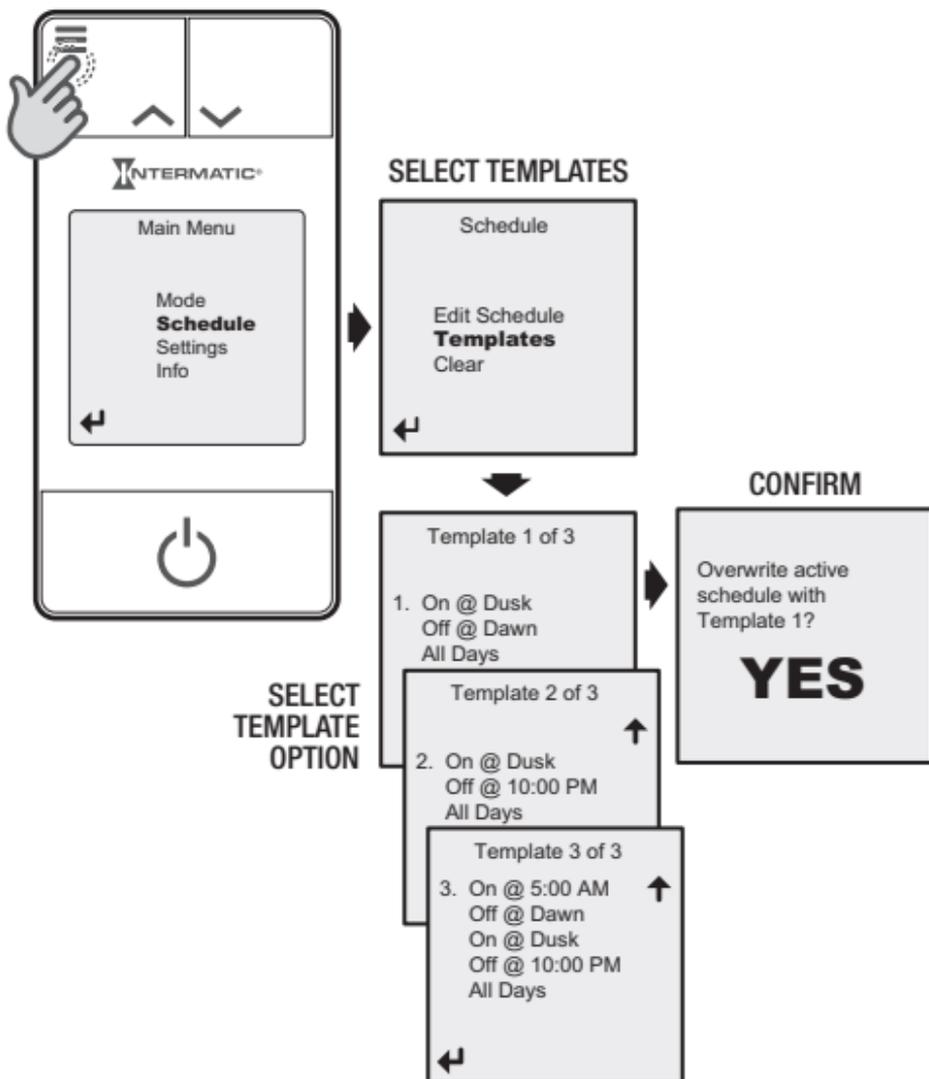
MODES



| | |
|---------------|---|
| Auto | Timer operates using your programmed schedule of weekly ON/OFF events. |
| Random | Similar to Auto mode except that your programmed schedule occurs randomly at +/- 15 minutes from the programmed time. |
| Manual | Operates like a manual toggle switch to turn devices ON and OFF, regardless of any schedules programmed in the timer. |

Note: *To enter Auto or Random mode, a programmed schedule must be loaded into memory.*

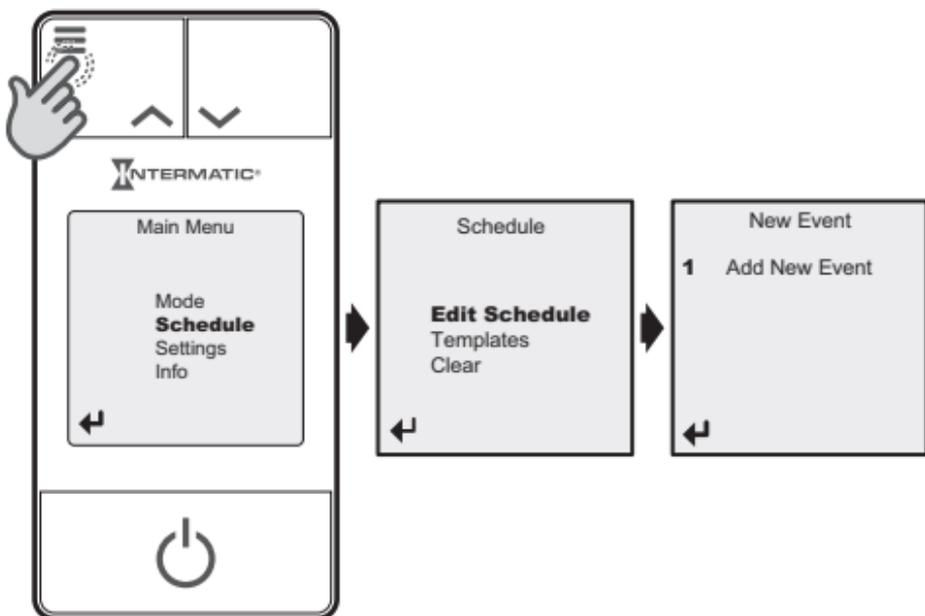
SCHEDULE TEMPLATES



Note:

- A Template is a pre-set schedule of events that overrides your current schedule when chosen.
- Once a Template becomes your current schedule, you can edit the events.
- Template events in this menu cannot be altered.
- Reference **page 14** to **Edit Schedule** events.

NEW SCHEDULE



Menu Options

Action

1. Enter to modify Action
 - **Turn OFF** blinks
2. Scroll UP/DOWN to select:
 - Turn On
 - Turn Off
3. ENTER to confirm

| | |
|----------------|-----------------|
| Event 1 (new): | |
| Action: | Turn Off |
| Days: | No Days |
| Time: | No Time |
| ← | Cancel |

Note: At any time, scroll to ← and press ENTER to go back to the Main Menu or choose Cancel to cancel input.

Days

1. Enter to modify Days
 - **No Days** blinks
2. Scroll UP/DOWN to select:
 - All Days
 - Weekdays
 - Weekends
 - Define Days
 - a. UP/DOWN to select/deselect days
 - b. ENTER to confirm day
 - c. Select  to confirm
3. ENTER to confirm

Event 1 (new):

Action: Turn On
Days: **No Days**
Time: No Time

 Cancel

Event 1 (new):

Days of Week:

| | |
|---|---|
| <input checked="" type="checkbox"/> Sun | <input type="checkbox"/> Thu |
| <input type="checkbox"/> Mon | <input checked="" type="checkbox"/> Fri |
| <input checked="" type="checkbox"/> Tue | <input type="checkbox"/> Sat |
| <input checked="" type="checkbox"/> Wed | |



Time

1. Enter to modify Time
 - **No Time** blinks
2. Scroll UP/DOWN to select:
 - Define Time
 - Dusk
 - Dawn
3. ENTER to confirm selection
4. UP/DOWN to increase/decrease time
5. ENTER to confirm

Event 1 (new):

Action: Turn On
Days: No Days
Time: Dawn
0 mins Offset

 Cancel

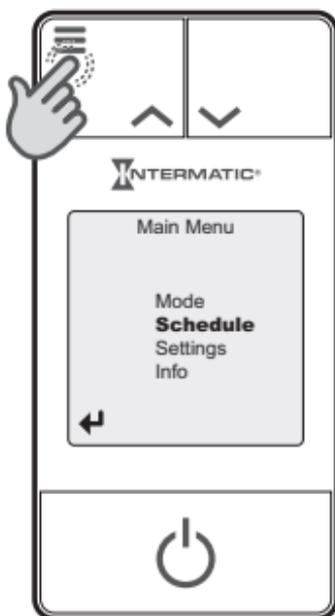
Event 1 (new):

Action: Turn On
Days: No Days
Time: Define Time
12:00 AM

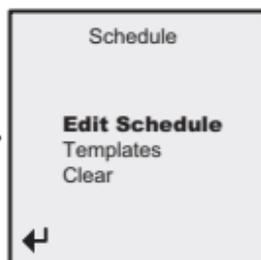
 Cancel

Note: *The Offset function allows Dusk/Dawn events to activate before or after the actual Dusk/Dawn time for your location. You can set an offset of +/- 0 to 120 minutes.*

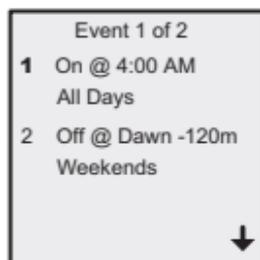
EDIT SCHEDULE



SELECT EDIT SCHEDULE



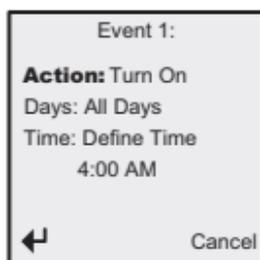
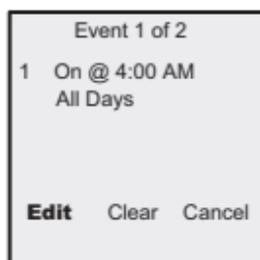
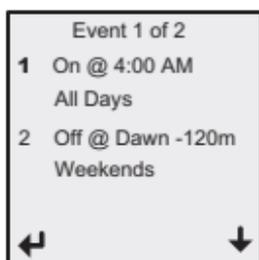
SCROLL UP/DOWN TO SELECT EVENT



Note: *Clear will delete the current schedule.*



Edit Event

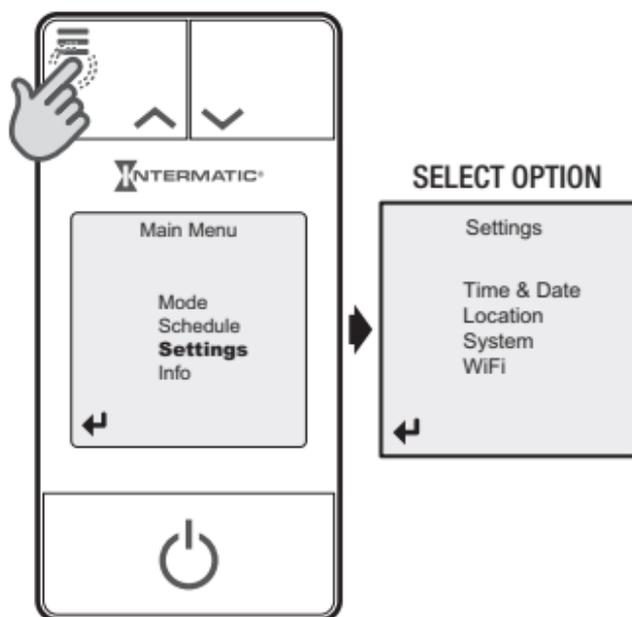


- ENTER to select event
 - EDIT to change the event (Refer to **page 12** for options)
 - CLEAR to remove event from schedule

ERROR MESSAGES

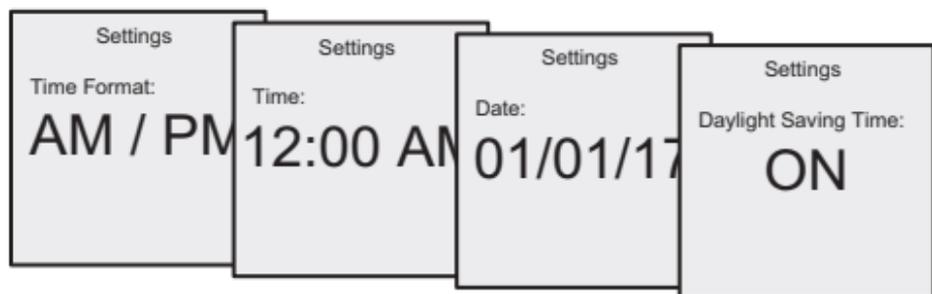
| Error | Resolution |
|---|--|
|  No Days | Add a day to your event. Options include: <ul style="list-style-type: none">• All Days• Weekdays• Weekends• Define Days |
|  Duplicates | A duplicate event exists. Modify or cancel your event. |
|  No Time | Add a time to your event. Options include: <ul style="list-style-type: none">• Define Time• Dusk• Dawn |
|  No Memory | Remove an event before adding a new one. |

SETTINGS



Menu Options

Time & Date



Select a 12-hour am/pm or 24-hour time format. Choose the time and date then choose to turn Daylight Saving Time ON or OFF.

Location

| | | | |
|---------------------------------------|---|---|--|
| Settings Latitude: 42.0° | Settings Longitude: -82.5° | Settings Country: USA Mexico Canada | Settings Timezone: Pacific Mountain Central Eastern |
|---------------------------------------|---|---|--|

Program your latitude, longitude, country and timezone.

System

| | | | |
|--|--|--|---|
| Settings Lock Timer: OFF To Unlock, hold [Up]/[Dn] buttons. | Settings Auto-Sleep: ON Display is dimmed after inactivity. | Settings System Restart: YES Keeps all settings and schedule. | Settings Set Factory Defaults: YES Erases all settings and schedule. |
|--|--|--|---|

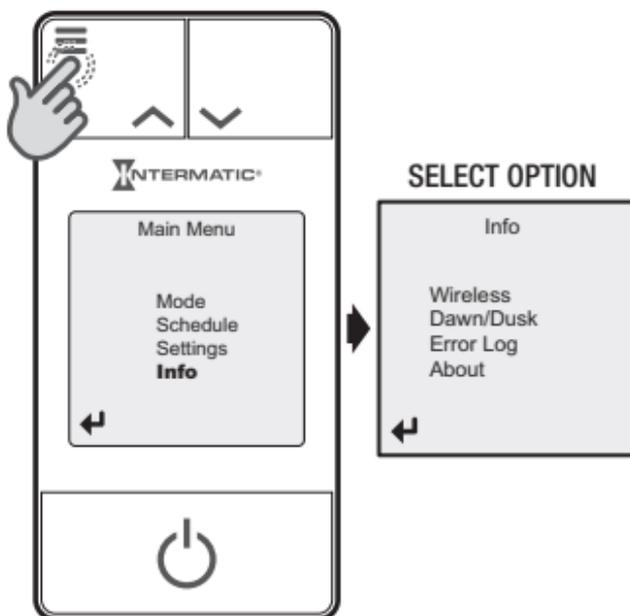
| | |
|-----------------------------|---|
| Lock Timer | <ul style="list-style-type: none">• Prevents access to Timer schedules and functions• To unlock: press and hold the UP and DOWN buttons for three seconds |
| Auto-Sleep | Dims display after one minute of inactivity |
| System Restart | <ul style="list-style-type: none">• Resets timer but maintains all settings and schedules• Restores communication between the timer and router• Applies to STW700W only |
| Set Factory Defaults | <ul style="list-style-type: none">• Restores timer to out-of-box condition• Clears programming, time settings, schedules, error log and wi-fi settings |

Wi-Fi

Clears and resets your Wi-Fi to Access Point Mode. To re-establish a Wi-Fi connection refer to the app.

| |
|--|
| Settings Reset WiFi: NO Erases WiFi settings. |
|--|

INFO MENU OVERVIEW



Menu Options

Wireless Settings (STW700W model only)

This option lets you view your IP Address, identify your Timer SSID number, and view your security PIN information.

Note: *Your security PIN is a unique code that allows the app to connect to your Timer.*



Dawn/Dusk

This option shows you the current time, the date, and the time associated with Dawn or Dusk in your set location.

Dawn/Dusk

Time: 4:53 AM
Date: 08/04/16
Loc: 27.1 , -169.2
Dawn: 7:15 AM
Dusk: 10:02 PM

Error Log

Scroll UP/DOWN through the error log to view any issues logged in your system.

Error Log

Error 1 of 10:

Date: 06/23/2016
Time: 11:42 PM
Error: E-7

About

View the information associated with your timer, including model, version, and manufacturing date. You can also find contact details for Intermatic, Inc.

About

Model: STW700W
v01.00.04
Mfg: 01L
Intermatic, Inc.
1.815.675.7000
Intermatic.com

LATITUDE/LONGITUDE

Major United States Cities

| City | Lat. n° | Long. w° |
|-----------------|---------|----------|
| Albany, NY | 43 | -74 |
| Albuquerque, NM | 35 | -107 |
| Amarillo, TX | 35 | -102 |
| Anchorage, AK | 61 | -150 |
| Atlanta, GA | 34 | -84 |
| Austin, TX | 30 | -98 |
| Baker, OR | 45 | -118 |
| Baltimore, MD | 39 | -77 |
| Bangor, ME | 45 | -69 |
| Birmingham, AL | 34 | -87 |
| Bismarck, ND | 47 | -101 |
| Boise, ID | 44 | -116 |
| Boston, MA | 42 | -71 |
| Buffalo, NY | 43 | -79 |
| Carlsbad, NM | 32 | -104 |
| Charleston, WV | 38 | -82 |
| Charlotte, NC | 35 | -81 |
| Cheyenne, WY | 41 | -105 |
| Chicago, IL | 42 | -88 |
| Cincinnati, OH | 39 | -85 |
| Cleveland, OH | 41 | -82 |
| Columbia, SC | 34 | -81 |
| Columbus, OH | 40 | -83 |
| Dallas, TX | 33 | -97 |
| Denver, CO | 40 | -105 |
| Des Moines, IA | 42 | -94 |
| Detroit, MI | 42 | -83 |
| Dubuque, IA | 43 | -91 |
| Duluth, MN | 47 | -92 |
| El Paso, TX | 32 | -106 |
| Eugene, OR | 44 | -123 |
| Fargo, ND | 47 | -97 |
| Flagstaff, AZ | 35 | -112 |

| City | Lat. n° | Long. w° |
|-------------------|---------|----------|
| Fresno, CA | 37 | -120 |
| Grand Rapids, MI | 43 | -86 |
| Helena, MT | 47 | -112 |
| Honolulu, HI | 21 | -158 |
| Hot Springs, AR | 35 | -93 |
| Houston, TX | 30 | -95 |
| ID Falls, ID | 44 | -112 |
| Indianapolis, IN | 40 | -86 |
| Jackson, MS | 32 | -90 |
| Jacksonville, FL | 30 | -82 |
| Juneau, AK | 58 | -134 |
| Kansas City, MO | 39 | -95 |
| Key West, FL | 25 | -82 |
| Klamath Falls, OR | 42 | -122 |
| Knoxville, TN | 36 | -84 |
| Las Vegas, NV | 36 | -115 |
| Los Angeles, CA | 34 | -118 |
| Louisville, KY | 38 | -86 |
| Manchester, NH | 43 | -72 |
| Memphis, TN | 35 | -90 |
| Miami, FL | 26 | -80 |
| Milwaukee, WI | 43 | -88 |
| Minneapolis, MN | 45 | -93 |
| Mobile, AL | 31 | -88 |
| Montgomery, AL | 32 | -86 |
| Montpelier, VT | 44 | -73 |
| Nashville, TN | 36 | -87 |
| New Haven, CT | 41 | -73 |
| New Orleans, LA | 30 | -90 |
| New York, NY | 41 | -74 |
| Nome, AK | 64 | -166 |
| Oklahoma City, OK | 35 | -97 |
| Philadelphia, PA | 40 | -75 |

Major Canadian Cities

| City | Lat. n° | Long. w° |
|-----------------|---------|----------|
| Calgary, AL | 51 | -114 |
| Edmonton, AL | 54 | -113 |
| Fredericton, NB | 46 | -67 |
| Halifax, NS | 45 | -64 |
| London, ON | 43 | -82 |
| Montreal, QC | 46 | -74 |
| Nelson, BC | 50 | -117 |
| Ottawa, ON | 45 | -76 |
| Quebec, QC | 53 | -74 |
| Regina, SK | 50 | -105 |
| Toronto, ON | 44 | -79 |
| Vancouver, BC | 49 | -123 |
| Whitehorse, YT | 61 | -135 |
| Winnipeg, MB | 50 | -97 |

Major Mexican Cities

| City | Lat. n° | Long. w° |
|------------------|---------|----------|
| Acapulco | 17 | -100 |
| Cancún | 21 | -87 |
| Colima | 19 | -104 |
| Culiacán | 25 | -107 |
| Durango | 24 | -105 |
| Guadalajara | 21 | -103 |
| La Paz | 24 | -110 |
| León | 21 | -102 |
| Mérida | 21 | -90 |
| Mexico City | 19 | -99 |
| Monterrey | 26 | -100 |
| Morelia | 20 | -101 |
| Oaxaca | 17 | -97 |
| Querétaro | 21 | -100 |
| Tepic | 22 | -105 |
| Tuxtla Gutiérrez | 17 | -93 |
| Veracruz | 19 | -96 |
| Villahermosa | 18 | -93 |
| Zacatecas | 23 | -103 |

| City | Lat. n° | Long. w° |
|--------------------|---------|----------|
| Phoenix, AZ | 33 | -112 |
| Pierre, SD | 44 | -100 |
| Pittsburgh, PA | 40 | -80 |
| Portland, ME | 44 | -70 |
| Portland, OR | 46 | -123 |
| Providence, RI | 42 | -71 |
| Raleigh, NC | 36 | -79 |
| Reno, NV | 40 | -120 |
| Richfield, UT | 39 | -112 |
| Richmond, VA | 38 | -77 |
| Roanoke, VA | 37 | -80 |
| Sacramento, CA | 39 | -122 |
| Salt Lake City, UT | 41 | -112 |
| San Antonio, TX | 29 | -99 |
| San Diego, CA | 33 | -117 |
| San Francisco, CA | 38 | -122 |
| San Juan, PR | 19 | -66 |
| Savannah, GA | 32 | -81 |
| Seattle, WA | 48 | -122 |
| Shreveport, LA | 32 | -94 |
| Sioux Falls, SD | 44 | -97 |
| Spokane, WA | 48 | -117 |
| Springfield, IL | 40 | -90 |
| Springfield, MO | 37 | -93 |
| St. Louis, MO | 39 | -90 |
| Syracuse, NY | 43 | -76 |
| Tampa, FL | 28 | -82 |
| Virginia Beach, VA | 37 | -76 |
| Washington, D.C. | 39 | -77 |
| Wichita, KS | 38 | -97 |
| Wilmington, NC | 34 | -78 |

Note: *These charts provide approximate information on your Latitude and Longitude. Perform an app or Internet search for location specific values.*

TROUBLESHOOTING

| Problem | Possible Cause | What To Do |
|--|--|---|
| Timer won't enter Auto or Random mode when you press Mode. | A schedule is not saved. | Choose a template or define a schedule of events. |
| Timer switches at incorrect times or skips some of the programmed times. | The active schedule has an invalid setting. | Review the settings and revise them as necessary. |
| | Timer is in Random mode, which varies switching times up to +/- 15 minutes. | Select the Auto Mode. |
| | The Astronomic and Defined switching times are in conflict, your DST may or may not be turned on, or your timezone and location are not configured properly. Note: <i>Your switch timer automatically skips any conflicting ON event as summer approaches to prevent unwanted operation of lights or other controlled devices.</i> | Review your program settings and revise them as necessary. |
| Load only operates when the remote (3-way) switch is in one position or the Timer ignores the remote switch. | The remote switch is wired incorrectly. | Recheck the wiring, especially for the jumper. |
| The Timer ignores a 3-way remote switch even though it is wired correctly or the load turns off immediately after being turned ON. | <ul style="list-style-type: none">• The remote switch or switch timer is wired wrong.• There is an excessive length of wire (greater than 100 feet).• There is buried wire to the remote switch.• The remote switch is not functioning properly or worn out. | Contact a qualified electrician. |
| Timer shows ON but the light or other controlled device is OFF. | The light or controlled device itself may be switched OFF. | Make sure the light or controlled device is switched ON and plugged in. |
| Screen is OFF. | Timer is set up in Sleep Mode to turn the screen OFF after one minute of inactivity. | <ul style="list-style-type: none">• Hit any key to wake up Timer.• To keep screen ON all the time, change the Sleep Mode setting to OFF. |

| Problem | Possible Cause | What To Do |
|---|--|--|
| Timer is not connecting to my local Wi-Fi network. (applies to STW700W only) | Timer display shows:  or  icon. Timer is in Access Point Mode or the Access Point Mode is not connected. | Follow app instructions to connect the Timer to your local Wi-Fi network |
| | Timer shows:  icon. Timer is waiting for a connection. The router password for the local router may be incorrect. | <ul style="list-style-type: none"> • Check Wi-Fi router to make sure it is ON. • Use app to revise Wi-Fi settings and reconnect to your router. |
| Can't connect my mobile device to my Timer. (applies to STW700W only) | No  icon is showing. Model does not have a Wi-Fi radio, or the radio is not turning ON. | <ul style="list-style-type: none"> • Make sure you have the STW700W Wi-Fi enabled Timer model. • Try resetting the W-Fi and Timer. If problem persists, contact Intermatic. |
| |  icon is showing. Timer is connected to a Wi-Fi network. The mobile device may not be connected to the same network. | <ul style="list-style-type: none"> • Make sure your mobile device is connected to the same local Wi-Fi network. • To disconnect Timer from current Wi-Fi network, perform a Wi-Fi reset at the Timer. |
| |  icon is showing. Timer is in Access Point Mode, waiting for mobile device connection. | Follow app instructions to connect to Timer. Make sure you are not in a wireless "dead zone" when attempting to connect. |
| |  icon is showing. Timer is already connected to a mobile device. | <ul style="list-style-type: none"> • Check your mobile device Wi-Fi settings. If connected to the 7DT-xxx network, go to the app and choose Search. • If your mobile device is not connected, there is another mobile device already connected. Disconnect the other device. |

Note: For more troubleshooting tips, contact Intermatic Tech Support at: 815-675-7000.

WARRANTY

WARRANTY LIMITED WARRANTY

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 1950 Innovation Way, Suite 300, Libertyville, IL 60048.

For warranty service go to: <http://www.Intermatic.com> or call 815-675-7000. For complete information on Intermatic products, literature and Contractors Guides visit www.intermatic.com.