



Westinghouse

Installation & Operating Instructions for the Westinghouse Universal Thermostat Remote Control

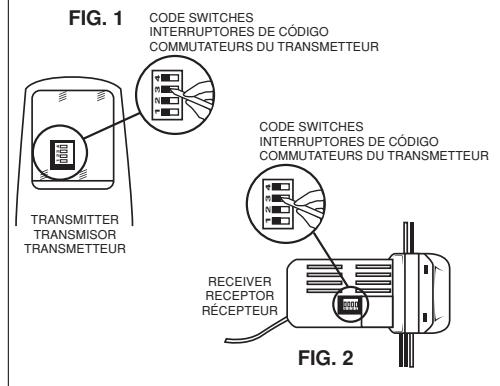
WARNING: SHUT POWER OFF AT FUSE OR CIRCUIT BREAKER

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SAFETY PRECAUTIONS:

WARNINGS:

- To avoid fire, shock, and serious personal injury, follow all instructions carefully. Read and save these instructions for future reference.
 - Do not install or use this unit if any part is damaged or missing.
- NOTICE:**
- This control is designed to operate only one ceiling fan with or without an incandescent light kit.
 - This wall control is rated for a maximum of 1.0 motor amp at 120 volts, and total bulb wattage equaling 250 Watt maximum.
 - Only the remote unit should be used to change fan speeds. Do not use the pull chain to change fan speeds after installation.
 - Make sure no bare wires are exposed outside of the connectors.
 - All wiring must conform to national and local electrical codes. If you feel that you do not have enough electrical wiring knowledge or experience, have your fan control installed by a licensed electrician. **Any electrical work not described in this manual should be performed by a licensed electrician.**
 - Do not use water or detergents to clean the remote transmitter unit. A dry dust cloth will be suitable for most cleaning.
 - Do not use with solid state ceiling fans.
 - Use of this control with some ceiling fans could result in fire, shock, and serious personal injury. Use this fan control with capacitor speed controlled ceiling fans only.



MAKING THE ELECTRICAL CONNECTIONS:

A. RECEIVER INSTALLATION

NOTE: Before installing this unit, change the factory code switch setting to your own preferred setting. Be sure the code switch positions of the transmitter and receiver match each other or the ceiling fan will not function. If this unit causes interference with other appliances, you may need to select different combinations.

- In order to set the code on the transmitter, begin by removing the battery cover. Slide the code switches to your choice of settings (do not use the factory settings in which all the switches are on). Use a small screwdriver or ball point pen to slide the switches firmly up or down (see figure 1). Replace the battery cover on the transmitter.
- In order to set the code on the receiver, slide the code switches to the same positions as set on your transmitter (see figure 2).

B. WIRING THE RECEIVER IN YOUR CEILING FAN

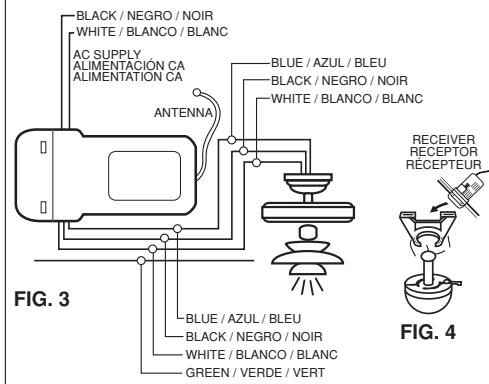
- If your ceiling fan is equipped with variable speed and light ON/OFF pull chain switch controls, make sure to set the speed control at the highest speed and the light to the ON position before installing the thermostat control. This will avoid erratic speeds and possible damage to your ceiling fan.
- Verify proper operation of the ceiling fan before installation. Improper wiring can damage the control and will void the warranty.
- Disconnect power to the ceiling fan at the main electric panel. Remove the fuse or switch the circuit breaker to the OFF position.
- Remove ceiling fan canopy from the mounting bracket.
- Disconnect existing wiring between ceiling fan and AC supply at electrical junction box.
- Place the receiver inside the ceiling fan bracket (see figure 3).
- Make electrical connections as follows:

- Connect GREEN fan wire to the bare supply wire.
 - Connect BLACK receiver wire (AC in L) to the BLACK supply wire.
 - Connect WHITE receiver wire (AC in N) to the WHITE supply wire.
 - Connect BLACK receiver wire (TO MOTOR L) to the BLACK fan wire.
 - Connect WHITE receiver wire (TO MOTOR N) to the WHITE fan wire.
 - Connect BLUE receiver wire (FOR LIGHT) to the BLUE light wire.
- If other fan or supply wires are different colors, have this unit installed by qualified licensed electrician.
- Push all connected wires up into the junction box.
 - Lay the black antenna wire on top of the receiver.
 - Reinstall the canopy on the mounting bracket.
 - Restore power at main electrical panel.
 - For best operation, select HIGH speed until the motor starts, then select the desired speed.

C. OPERATING THE TRANSMITTER

NOTE: In order to prevent damage to the transmitter, remove the battery when it is not in use over a long period of time. If the low battery icon is flashing, change the battery as soon as possible.

- Install 4 AAA batteries (not included).
- The Blue Fan Speed button allows you to change the fan speeds from OFF to HI to MED to LOW and back to OFF manually.
- Press the YELLOW button to turn the light ON/OFF. Press and hold this button for the level of brightness that you desire (range: 100% - 20%).
- Press the "TEMP/SET/HOUR" button to increase or decrease room temperature setting and to set the number of hours that the fan or light will remain on when the fan timer and/or light timer are used.
- When the "Fan Auto" button is pressed, fan speed will be automatically set as follows:
 - When room temperature is lower than setting temperature, the fan speed will be automatically turned OFF.
 - When room temperature is 1°F higher than the setting temperature, the fan speed will automatically be turned on LOW.
 - When room temperature is 2°C or 4°F higher than setting temperature, the fan speed will automatically turn on MED.
 - When room temperature is 4°C or 8°F higher than setting temperature, the fan speed will automatically turn on HI.
 - In order to turn the "Fan Auto" function OFF, simply press this button again.
- Press the "Light Delay" button to turn on the light. The light will automatically switch OFF after 3 minutes. Press the YELLOW Light button in order to cancel the "Light Delay" function. The "Light Timer" function will be cancelled when the "Light Delay" function is started.
- Press the "Fan Timer" button to set the desired running time of the fan by using the "TEMP/SET/HOUR" button for increasing/decreasing. The fan will automatically switch OFF when the time is up. If the fan is set on "FAN AUTO" mode, it will be changed to Manual mode when the time is up. When the "FAN TIMER" is ON, the display cycles between the "FAN TIMER" and the "TEMP" settings. Setting ranges are: 0.5, 1, 2, ..., 24 hours. **NOTE: In Manual mode, set the fan speed on HI, MED, or LOW by using the BLUE Fan Speed button before setting the "FAN TIMER".**
- Before setting the "LIGHT TIMER", turn the light on by using the YELLOW light button. Press the "LIGHT TIMER" button to set the desired time limit of light by using the "TEMP/SET/HOUR" button for increasing/decreasing the amount of time desired. The light will automatically switch OFF when the time is up. When the "LIGHT TIMER" is ON, the display cycles between "LIGHT TIMER" and set TEMP. **NOTE: Time setting ranges are: 0.5, 1, 2, ..., 24 hours.**
- In order to set the temperature format to either Fahrenheit or Celsius, press through the hole on the back of the transmitter with a ballpoint pen until the temperature displays the desired format.



PRODUCT SPECIFICATIONS:

AC: 120V / 60Hz
LIGHT: 250W MAX. (INCANDESCENT ONLY)
FAN: 85W MAX. (1.0 MOTOR AMPS)

TROUBLESHOOTING GUIDE

PROBLEM: REMOTE FAILS TO OPERATE

Check:

- Is there power to the control unit?
- Is the control unit wired correctly?
- Are the fan and light switches set on the highest position?
- Is there a good battery in the remote? If the red indicator lights when either button is pushed, the battery is good.
- Are the switches set the same in both the remote and the control unit?

PROBLEM: SHORT RANGE

Solution:

- If the remote can operate the control unit when close to it but does not operate it at distances of 30-50 feet, try placing the black antenna wire above the ceiling and outside of the junction box.

LIMITED WARRANTY

The Westinghouse thermostat remote control for ceiling fans offers a limited warranty of one year from the date of purchase to the original owner against defects in material and workmanship. All spare parts are covered for ninety days only. This warranty is in lieu of all other warranties expressed or implied.

Westinghouse will repair or replace this thermostat remote control if it is defective due to faulty materials or workmanship. This warranty does not cover service charges, batteries, defects resulting from accidents, damages caused through abuse or alterations or by affixing any attachment not provided with the product, improper installation or maintenance, failure of supporting devices not supplied as original mounting hardware, exposures to extremes of heat or humidity, incorrect voltage, surges in current, unauthorized repair, or failures caused by modifications of the product or the acts of third parties. See manual for proper installation.

If a warranty claim is made in the first year, simply return the thermostat remote control with a copy of the original sales receipt, freight prepaid to Westinghouse Lighting Corporation, who, at its option, shall repair or replace the thermostat remote control or refund the purchase price. **Please pack product correctly to eliminate shipping damage.** Send all thermostat remote controls and inquiries to:

Westinghouse Lighting Corp.
12401 McNulty Rd., Philadelphia, PA 19154-1099
Attn: Customer Service

If you have any questions regarding the installation of this item or the warranty coverage, please call our consumer line at 1-888-417-6222 and a representative will assist you.

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Instrucciones para la instalación y modo de empleo del control remoto para termostato universal Westinghouse

ADVERTENCIA: DESCONECTE EL SUMINISTRO DE ENERGÍA QUITANDO EL FUSIBLE O APAGANDO EL CORTACIRCUITO

PRECAUCIONES DE SEGURIDAD:

ADVERTENCIAS:

- Siga las instrucciones al pie de la letra para evitar incendios, choques eléctricos y lesiones personales graves. Lea estas instrucciones y conservelas para futura referencia.
- Si faltan piezas o hay piezas dañadas, no instale el ventilador.

AVISO:

- Este control está previsto para operar un solo ventilador de techo con o sin adaptador para lámpara incandescente.
- Este control tiene una capacidad nominal máxima de amperaje de motor de 1.0 a 120 voltios, con un vataje total para la lámpara incandescente igual a 250 vatios máximo.
- Para cambiar la velocidad del ventilador, utilice únicamente la unidad de control remoto. No use la cadena de tiro para cambiar las velocidades del ventilador después de la instalación.
- Cerciórese de que ningún cable sin aislación quede fuera de los conectores.
- Todo el cableado debe cumplir con los códigos eléctricos nacionales y locales. Si piensa que no tiene suficientes conocimientos o experiencia en cableado eléctrico, acuda a un electricista certificado para que le instale el control del ventilador. **Todo trabajo eléctrico que no se describe en este manual deberá ser realizado por un electricista certificado.**
- No use agua ni detergentes para limpiar la unidad de transmisión remota. Basta limpiarla con un paño suave y seco.
- No lo utilice con ventiladores de techo de estado sólido.
- El empleo de este control podría causar incendio, choque eléctrico y lesiones personales graves cuando se utiliza para controlar algunos ventiladores de techo. Use este control de ventilador únicamente con ventiladores de techo de velocidad controlada por condensador.

EXPLICACIÓN PARA HACER LAS CONEXIONES ELÉCTRICAS:

A. INSTALACION DEL RECEPTOR

NOTA: Antes de instalar la unidad, cambie la configuración de fábrica del interruptor de código a la configuración que deseé. Verifique que la posición de los interruptores de código del transmisor y del receptor sea idéntica, pues de lo contrario el ventilador no funcionará. Si esta unidad causa interferencia con otros electrodomésticos, probablemente tendrá que seleccionar otra combinación.

- Para programar el código en el transmisor, quite la cubierta del receptáculo para pilas. Deslice los interruptores de código según su preferencia (no use el programa de fábrica en el que todos los interruptores están en la posición de encendido). Use un destornillador pequeño o la punta de un bolígrafo para deslizar los interruptores firmemente hacia arriba o abajo (vea la figura 1). Vuelva a colocar la cubierta del receptáculo para pilas del transmisor.
- Para programar el código en el receptor, deslice los interruptores de código a las mismas posiciones programadas en su transmisor (vea la figura 2).

B. CABLEADO DEL RECEPTOR EN EL VENTILADOR DE TECHO

- Si el ventilador de techo está equipado con controles de encendido/apagado de cadena de tiro y velocidad variable, ponga el control de velocidad en la velocidad **MÁS ALTA** y la lámpara en la posición de **ENCENDIDO** antes de instalar el control del termostato. De esta manera evitara las velocidades erráticas y la posible avería de su ventilador de techo.
- Verifique el funcionamiento adecuado del ventilador de techo antes de la instalación. El cableado inadecuado puede averiar el control y anulará la garantía.
- Desconecte el suministro eléctrico al ventilador de techo en el panel principal. Quite el fusible o ponga el cortacircuito en la posición de **APAGADO**.
- Retire el dintel del ventilador de techo de la placa de montaje.
- Desconecte el cableado existente entre el ventilador de techo y el suministro de corriente alterna en la caja de empalmes eléctricos.
- Coloque el receptor dentro de la placa de montaje del ventilador de techo (vea la figura 3).
- Haga las conexiones eléctricas de la siguiente manera:
 - Conecte el cable VERDE del ventilador al cable sin aislación.
 - Conecte el cable NEGRO del receptor (CA vivo) al cable NEGRO de alimentación.
 - Conecte el cable BLANCO del receptor (CA neutro) al cable BLANCO de alimentación.
 - Conecte el cable NEGRO del receptor (AL MOTOR vivo) al cable NEGRO del ventilador.
 - Conecte el cable BLANCO del receptor (AL MOTOR neutro) al cable BLANCO del ventilador.
 - Conecte el cable AZUL del receptor (PARA LA LAMPARA) al cable AZUL de la lámpara.

Si otros cables del ventilador o alimentación son de diferente color, acuda a un electricista certificado para que instale esta unidad.

- Introduzca todos los cables conectados dentro de la caja de empalmes.
- Coloque el cable negro de una antena sobre el receptor.
- Reinstale el dintel en la placa de montaje.
- Conecte el suministro eléctrico en el panel principal.
- Para un funcionamiento óptimo, seleccione la velocidad ALTA hasta que el motor comience a funcionar; seleccione luego la velocidad deseada.

C. CÓMO USAR EL TRANSMISOR

- NOTA:** Para evitar dañar el transmisor, quite la pila cuando no lo utilice durante un período de tiempo prolongado. Si el icono de pila débil titila, cambie la pila cuanto antes.
- Instale 4 pilas AAA (no incluidas).
 - El botón azul de velocidad del ventilador le permite cambiar la velocidad del ventilador de APAGADO a ALTA a MEDIANA a BAJA y nuevamente a APAGADO manualmente.
 - Oprima el botón AMARILLO para que ENCENDER/APAGAR la luz. Oprima y mantenga oprimido este botón hasta lograr el nivel de luminosidad deseado (alcance: 100% - 20%).
 - Oprima el botón "TEMP/SET/HOUR" para aumentar o disminuir la temperatura ambiente y para programar la cantidad de horas que el ventilador o la luz permanecerán encendidos mientras el reloj automático del ventilador y/o de la luz estén en uso.
 - Al oprimir el botón "Fan Auto", la velocidad del ventilador se programará automáticamente de la siguiente manera:

