

TB100/TB300/KEYPADS

*Wall Mounted Transmitters
and Accessory Keypads*



Wall Mounted Transmitters Extend Command Capability

ACT's Powerline Carrier Components (PCC) Wall Mounted transmitters send PCC command signals to PCC Receiver Modules, which switch their designated loads. Signals are transmitted to Receiver Modules over existing AC power lines, so dedicated wiring for the system components is not necessary. Four keypad models can also send ALL LIGHTS ON and ALL UNITS OFF commands, and one model using the 120 volt base can command full-range dimming for incandescent lighting.

Wall Mounted Transmitters have two distinct applications. They can be installed to provide supplementary control stations for groups of Receiver Modules within the main network at convenient locations some distance from the primary controller. They can also be used to control loads on circuits that are independent of the main network.

- Available in 120 and 277 VAC ratings
- Transmit powerline carrier control signals over existing AC wiring
- Automatically monitor power line for noise and other signal transmissions and will not transmit until line is clear
- Equipped with 5-inch color coded leads, and mounting hardware
- Easy to install in any standard wall box
- Up to four transmitters may be ganged together in a single four-gang wall box. Each transmitter can have up to four (4) keypad buttons

Wallplate not included.



TB100 Wall Mounted
Transmitter Base

How Wall Transmitters Work

Wall Transmitters fit easily into any standard wall box. Up to four Wall Mounted Transmitters can be ganged together in a single four-gang box. Two five inch black and white leads are provided for direct connection to the HOT and NEUTRAL AC conductors.

Each Wall Mounted Transmitter has the same basic body. The Letter and Number Code Dials are on the body underneath the keypad. The Code Dials are best set to the proper address before installation in the box. All Wall Mounted Transmitters are operated manually. Each Wall Mounted Transmitter is controlled by means of a plug-in keypad to perform certain specific functions as described below:

The **TK000** (Ivory) and **TK001** (White) 1-button keypads send ON and OFF command signals to one address.

The **TK010** (Ivory) and **TK011** (White) 1-button keypads send ALL LIGHTS ON and ALL UNITS OFF

commands to all appropriate Receiver Modules set to the same Letter Code as the TB Transmitter.

The **TK021** (White) 2- Button Keypad sends one ON and OFF Command and one DIM or BRIGHT Command to incandescent lighting controlled by appropriate PCC Receiver Modules capable of full-range dimming and set at the SAME code as the TB Transmitter base.

The **TK030** (Ivory) and **TK031** (White) 2- Button Keypads send two Sequential ON and OFF Commands to all loads controlled by receivers that are set for the same complete address codes beginning and in sequence with the address code set on the TB Transmitter base.

The **TK040** (Ivory) and **TK041** (White) 4-button keypads send ON and OFF commands to three sequential addresses and ALL LIGHTS ON and ALL UNITS OFF commands to all appropriate Receiver Modules in the system set to the same Letter Code.

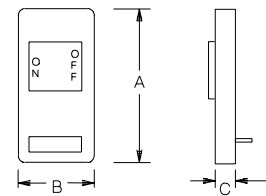
The **TK050** (Ivory) and **TK051** (White) 4-button keypads send ON

and OFF as well as DIM or BRIGHT commands to incandescent lighting controlled by appropriate PCC Receiver Modules capable of full-range dimming. By pressing the three topmost control rockers simultaneously, or in rapid sequence, all three addresses can be dimmed simultaneously by the 4th DIM/BRIGHT button.

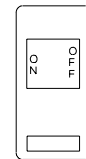
The **TK060** (Ivory) and **TK061** (White) 4-button keypads send ON and OFF command signals to four sequential addresses (such as D-14, D-15

1-4 BUTTON KEYPADS

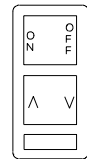
DIMENSIONS:
A: 2.55 in. (65mm)
B: 1.25 in. (32mm)
C: 0.45 in. (11mm)



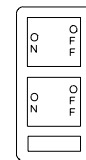
TK000/TK001
One ON/OFF



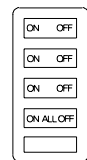
TK010/TK011
One Letter Group
ALL ON/OFF



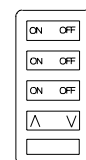
TK021
One ON/OFF
One DIM/BRIGHT



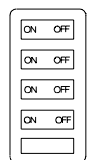
TK030/TK031
Two ON/OFF



TK040/TK041
Three Sequenced
ON/OFF
One Letter Group
ALL ON/OFF



TK050/TK051
Three Sequenced
ON/OFF
One DIM Control

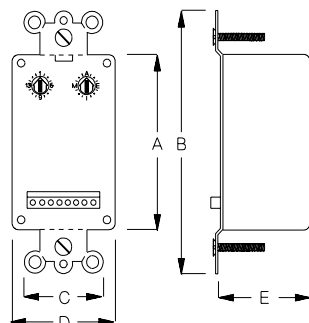


TK060/TK061
Four Sequenced
ON/OFF

WALL MOUNTED TRANSMITTERS		
CAT. NO.	DESCRIPTION	RATING
TB100	Wall Mounted Transmitter, fits in wall or handy box, operated by TK Keypad	120 VAC
TB300	Wall Mounted Transmitter, fits in wall or handy box, operated by TK Keypad	277 VAC

TB300 RATING:
No Load
277 VAC (+/-10%) 60 Hz

DIMENSIONS:
A: 2.75 in. (70mm)
B: 4.1 in. (104mm)
C: 0.95 in. (23.5mm)
D: 1.75 in. (44.5mm)
E: 1.4 in. (35.5mm)



Wall Mounted Transmitter Base