

PLCBUS-T 4034E 256 Address Mini-controllers

Main Features:

1. Two-Way communications;
2. Lamp On/Off status checking;
3. Plug-in style, and easy to be used;
4. Control up to 256 different lamps or appliances;
5. Sending “All Lights On / All Units Off” command;
6. Dimmer for incandescent lamp;
7. Realize individuality “Scene” function worked with Micro Modules.

★ Note:

1. “All Units Off” command here means that all units in your home will be OFF at the same time from Room A to P.
2. “All Lights On” command is only current Room ON (one room among A to P).
3. “Brighten/Dim” command: Each Dimming Receiver Modules can be dimmed only in Main address, (If you use Scene command to open the lights, you can not dim now).

★ PLCBUS address composing:

250 User Codes	x	256 (House/Unit Codes)
(1...250)		(A...P / 1...16)
(For 250 different families)		(In each family)

Setup Method:

1. **User Code Setup:** If there is more than 1pc of Transmitter Controllers in your family, you need to unify their “User Code” first. Press “**Dim**” button on one #4034E first, **no releasing**, and then press “**All Units Off**” button and hold for 5 seconds; the indicator lights are bright in turn from the right to the left; **Still no releasing**, at this time, use the other Transmitter sending a signal with “ON or OFF” button. Thus, the User Codes of the two Transmitters are the same, and they will be different to those in your neighbors.

Recover the original User Code: Press “Dim” and “**All Units Off**” till the RED indicator is Bright.

2. **Change Receivers Main address:**

2.1 Use your #4034E to open the light (Receivers) needs to be changed Main address;

2.2 Then press the new address “**ON**” button and hold for 5 seconds, the lights are off, and you have done it.

For example: The original add of the light is **A01**, you want to change to **B05**; you need use #4034E to open the **A01 ON** first, and then press **B05-ON** button on #4034E and hold for 5 seconds, the light is off. Now, it is **B05**.

3. **Scene function Setup:**

3.1 Scene ON Setup: If you want a group of lights **ON** together when you tap one “Button” (i.e.: D07-ON) on #4034E; Open the group of lights (A01,B03,C05) **ON** and dimming the brightness level you want, press “**D07-ON**” button on #4034E first, **no releasing**, and then press “**All Lights On**” button and hold for 5 seconds, Thus, all the lights **Off** and then be **Bright** again, you can release now.

Now, when you send **D07-ON** command, A01, B03, C05 lights will ON together!

3.2 Scene OFF Setup: If you want when you send a signal (D07-ON), a group of lights must be **OFF** together; Open the group of lights (B01, C04,D05) **ON** and press “**D07-OFF**” button on #4034E first, **no releasing**, and then press “**All Lights On**” button and hold for 5 seconds, Thus, all the lights **Off** and then be **Bright** again, you can release now. Now, when you send **D07-ON** command, even B01, C03, D05 lights is **ON** status, they will be **OFF** together!

Note: Except for “**Transceiver Module**”, all of the other **PLCBUS Products** have this “**Scene**” function.

4. Delete Scene Address:

If you want to delete Scene “**D07**”, press “**D07-ON**” button first, **no releasing**, and then press “**All Units Off**” and hold for 5 seconds till all the lights in Scene “**D07**” **OFF** automatically and then be **Bright** again, releasing now. The Scene “**D07**” has been deleted!

5. Delete 16 Scene Address (For in-line and Plug Modules) :

Each Receiver Modules (Except for Transceiver Module) has 1 (Main add) + 16 (Scene add), totally 17 addresses.

If you want to delete the 16 Scene addresses, press the “**ON**” button of the main address on #4034E first, **no releasing**, and then press “**Dim**” and hold for 5 seconds till this Micro Module **OFF** automatically and then be **Bright** again, releasing now. The 16 Scene addresses have been deleted, only leave the main address!

6. Light Brightness Check:

If you want to check the current Brightness of a light **A07**, please press “**A07-ON**” button on #4034E first, **no releasing**, and then press “**Bright**” and hold for 5 seconds till the 6 button LED lights are bright in turn from the left to the right. Releasing now, the number of the bright LED is **A07** Brightness level.

7. Check which address code is empty on #4034E:

Just press “**Bright**” button on #4034E first, **no releasing**, and then press “**All Units Off**” and hold for 5 seconds till the indicator light is bright; Releasing now, and move the 4 unit selectors from 1 to 2, 3, and 4. The backlights (**Non-Bright**) buttons can show you which addresses are empty and still have no been distributed an address.

Note: Press any key for exiting!

8. Check which light is “ON / OFF” Status:

If you want to check which light is **ON** or **OFF** Status, just press “**Dim**” button on #4034E first, **no releasing**, and then press “**All Lights On**” and hold for 5 seconds till the indicator light is bright; Releasing now, From unit 1 to 16 in the four selectors, if the lights is **ON** Status, the backlights of the buttons on #4034E will be “**Bright**” when move the “**Unit**” selector.

Note: Press any key during it for exiting!

9. Enter “Installer” Status Setup:

This Status is used to work with #4810E to indicate the signal quality between the two different places.

Dial House code to “**P**”. Press “**1 OFF**” and “**4 OFF**” together and hold for 5 seconds till LED button are flash and the indicator light is bright. Thus, it has entered “**Installer**” status.

Working with #4810E can check detail system parameters.

Note: Repeating operation 9 to exit “**Installer**” Status!

10. Exchange between 3-phase and 1-phase PL system:

Press “**Bright**” and “**All Lights On**” buttons together and hold for 5 seconds till the indicator lights flickers 3 times, at this time, #4034E can be used in 3-phase power line system; Press “**Bright**” and “**All Lights On**” buttons together and

hold for 5 seconds again, the indicator lights flickers once, thus, #4034E is fit to be used in 1-phase Power Line system.

Note: This point is very important. If the power line system in your home is 3-phase, you need to adjust your #4034E to “3-phase” status.

That means before you use your #4034E, you need to confirm which status your #4034E is between “1-phase” and “3-phase”.