

**A phone and buzzer system for your layout**

**by**

**Speed**

## No-Dial phone:

Simple 12Vdc power supply, running two wires to every phone.

Always live, except when handset has a switch to disconnect from bus when you hang up.



**Pacific Lodging Supply**  
840 Wanamaker Avenue, Ontario, CA 91761

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### MP2554 PHONE 1LN WALL MOUNT WITH METAL BASE & DATA PORT



MSRP: ~~\$24.95~~  
Your Price: **\$22.95**  
You Save: **\$2.00 (8%)**

Item Number: TP550

- Wall Phone
- Heavy metal base
- Mechanical ringer
- Volume control on the handset
- Key pad & Non-Key pad selectable
- Case pack: 12pcs



Chip Romig's layout (Colorado and Silver River)





Chip Romig's layout (Colorado and Silver River)



- The **perfect** solution for taking important incoming calls without risking phone abuse of **outgoing calls**.
- Available colors are black, ivory, and red.
- Dark beige is only available in regular cord.



[New Avaya 2554 Hearing Aid Compatible Phone Set ST-2554](#)

**\$19.97** from TxcassSurplus 17 seller reviews

Avaya - Wall Mountable - 1 line

New ST2554-47-ND - Avaya **2554** Hearing Aid Compatible **Phone** New, Avaya Mount, Single-Line, **No Dial** ...

The handset uses a regular RJ11/RJ12 connector and plugs directly into the base. No wiring skills needed.

Non 2554 models:



[Uniden 1100 Slimline Corded Phone \(white\)](#)

**\$4.18** from Market Gurney

Uniden

Uniden 1100 Slimline Corded Phone (white)



[Uniden 1100bk Slimline Corded Phone \(black\)](#)

**\$5.99** from Advanced Electronic

Uniden - Wall Mountable

Power Failure Protection In The Event Of A Power Failure, Vi  
Received On Base Hi/lo ...



[Uniden 1100 Slimline Corded Phone, White, P](#)

**\$6.28** from Sale Stores

Uniden

**Dispatcher:**

Either headset or speaker phone is always on.



## Buzzer system, or Call the Dispatcher, or the Dispatcher is calling you:

At the Dispatcher, one buzzer, a light for every town and a Call and Cancel button for every town. Or, like downstairs at Chip's remote Dispatch location, a Panel in JMRI to show who called in what order and buttons to Call and Cancel lights.



Every "CANBuzz" board can Call and Cancel 4 locations, and all the buzzer lines are connected together to the single buzzer for the Dispatcher.

To call the Dispatcher, you pick the phone up and simply press the button in your town, both his and your light will light up, but he will also get his buzzer ringing. (There is also a delay built in, so you can't annoy him every millisecond.) Regardless if the phone line is busy at this time, he will now know you need to talk to him. So eventually he will say "Bond?". And then you tell him your story. He might not care what you have to say, but that is besides the point here. When the call is over, you hang the phone up and he presses the Cancel button, which would then clear your and his light.

When he needs to talk to you, he pressed the Call button for your town and, again, both lights, his side and yours, will lit up and then he will wait for you to pick up. So, simple, when you missed the buzzer, you will see the light being on when you arrive in the town and simply pick the phone up. At the end of the conversation, the Dispatcher will (or should) clear the lights with the Cancel button.

On the JMRI Panel, there is also a number above the town that "Called", indicating the order the call was received in. So, first come, first served, in effect.

At the individual locations, there is a light, a buzzer and a Call button to call the Dispatcher. (The Cancel button is just not wired in, since only the Dispatcher can Cancel the call)

Again, every CANBuzz board connects up to 4 locations. ( $\$50 = \$12.50$  per phone)



The CANBuzz boards needs 12Vdc (mainly for the buzzer) and then the CAN bus (CANHi and CANLo in a twisted pair and a ground wire.) Easily done with RJ12 (6p4c) crimped to inexpensive Ethernet (CAT5, CAT5e or CAT6) cables.

The Call button, Buzzer and Light connects to the board with screw-less terminal blocks (see above).