

# OPERATING INSTRUCTIONS FOR THE CP001B TESTER



The CP001B tester is used to test PK543 and PK543A amplifiers for proper operation of the four basic functions (Talk Down, Talk up, Ring Up, and AC Door release).  
 Test procedure is as follows:

Hook tester's speaker cord (clear) to the supplied OR202T speaker or alternate 45 ohm speaker. Polarity is not critical.

Connect the PK543 or PK543A to be tested to the harness from the tester. Be sure that the connector is facing the correct way. Do not force the connector.

**NOTE: If testing a PK543A, you must first set it for PK543 compatible mode by doing the following (but first, note original positions on all switches and jumpers on unit to be tested):**  
 Set SW4 OFF, SW5 ON, SW6 ON, SW7 ON.  
 Also remove JP5 shunt, set J1 shunt to 2-3 and set J2 shunt to 1-2.

Hook tester's power cord (black) to the supplied SS105B plug-in 16VAC transformer or alternate 16VAC power source. Polarity is not important. Apply power.

Apply actions below and compare results to determine proper basic operation of your PK543 or PK543A.

ACTION	RESULT
Check power on LED on CP001B tester Check power ON LED on PK543A (no LED on PK543) Press WARBLE button on tester Press REGULAR button on tester Press <b>TALK</b> button on tester & tap on Speaker Grille  Press <b>LISTEN</b> button on tester & tap on Remote Speaker (OR202T)  Press <b>DOOR</b> button on tester  <i>(Following is for PK543A only)</i> Set SW 1 ON & SW 2 OFF. Press <b>DOOR</b> Button Set SW 1 OFF & SW 2 ON. Press <b>DOOR</b> Button Set SW 1 OFF & SW 2 OFF. Press <b>DOOR</b> Button	should be on should be on should generate Warble tone should generate Steady tone sound should be heard at the remote speaker (OR202T)  should be heard at the tester's speaker  Door strike should buzz (from inside tester)  Strike should energize for appr. 2 seconds Strike should energize for appr. 10 seconds Strike should energize for appr. 25 seconds



42 Central Drive, Farmingdale NY 11735-1202  
 (631) 777-5500 Fax: (631) 777-5599  
**TOLL-FREE Technical Line 1-800-666-4800**  
 Email: info@alphacommunications.com

## OPERATING INSTRUCTIONS

### TESTING THE PK543 & PK543A

### WITH THE CP001B TESTER