

APPLICATION Note

TELECOM SOLUTIONS FOR THE 21ST CENTURY

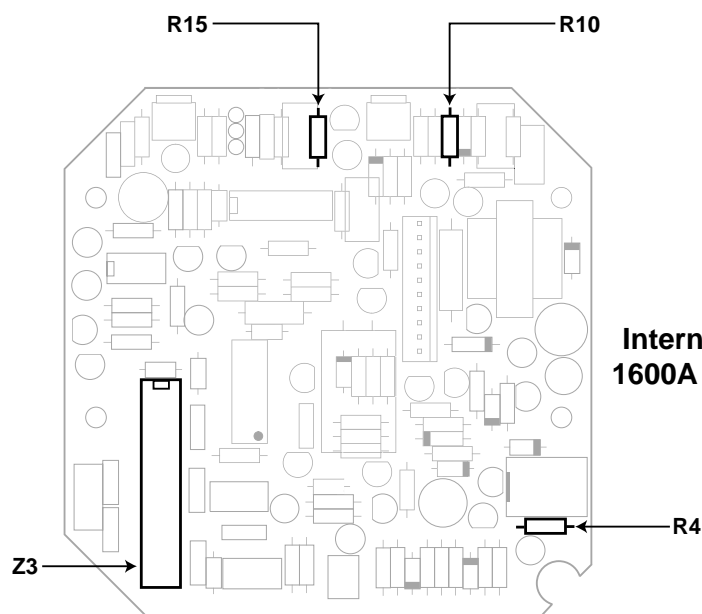
576 DBS MOD

1600A Series and E-30
Modifications for Use
with the Panasonic 576

July 5, 2001

1600A Series and E-30 Modifications Required for the Panasonic "576" DBS System

The "576 DBS MOD" kit is available to modify E-30 Phones and 1600A Series Emergency Phones to be compatible with the Panasonic 576 DBS system. The "576 DBS MOD" kit is available from Viking Electronics for \$50.00. Alternatively, Viking's Technical Support will modify the unit for \$75.00. For more information, please contact Technical Support at (715) 386-8666.



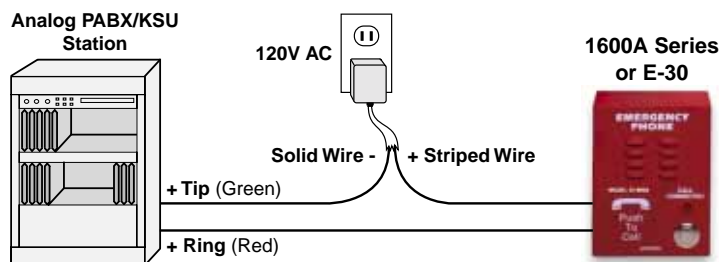
576 DBS MOD Kit contents:

- (1) 2k ohm resistor
- (1) 220k ohm resistor
- (1) PS-2R power supply
- (1) E16V-P576 software chip

Internal View of the
1600A Series or E-30

Installation

1. Cut one end of resistor "R4" as shown in the diagram above and stand it up.
2. Replace resistor "R10", as shown in the diagram above, with a 2K ohm resistor (included - Radio Shack equivalent # 271-1325).
3. Replace resistor "R15", as shown in the diagram above, with a 220K ohm resistor (included - Radio Shack equivalent # 271-1350).
4. Remove existing "Z3" chip, as shown in the diagram above, and carefully replace with the included "E16V-P576" software chip.
5. Install the PS-2R to boost the DC Loop current on the Panasonic's analog extension as shown to the right. For more information on the PS-2R, retrieve Fax Back Document 512.



Product Support Line...715.386.8666

Fax Back Line...715.386.4345

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