Installation Instruction

“THE BOSS” NTL600E LOUD RINGER
Issue C: January 2007

Introduction
The NTL60E is a loud Universal Electronic Ringer designed for use in noisy locations or for wide area coverage. The NTL600E was designed for use with the Public Telephone Network and can also be used behind PBX and Key Systems with dry relay contact or analog station ports.

- Works on all phone systems, dry contact or 90 volt ringing
- Choice of 8 selectable sound patterns: Horn, Bell, Warble H, Warble M, Warble L, Chime, Timeclock, Siren
- Choice of 2 operating Voltages: 24VDC, 48VDC
- Indoor and Outdoor Mounting
- Terminal screws or modular line cord plug-in
- Up to 115DB @ 70ma

WARNING:
DO NOT STAND TO CLOSE TO THE ntl600 WHEN TESTING OR OPERATING. TOO MUCH EXPOSURE AT CLOSE RANGE MAY BE HARMFUL TO YOUR HEARING. NTL600E’S SHOULD BE LOCATED AT LEAST 10 FEET AWAY FROM LISTENERS
Installation Instruction continued...

90Volt Application
(External Power)
UP TO 115DB

- **External Power**: 24VAC, 24VDC or 48 VDC
- **"110" Direct Punch Down Connection**
- **Modular or Line Cord Plug In** (Standard TIP, RING connections)

**NOTE:** Use this hook-up for connection to direct C.O Line or PBX/KSU system with analog station port. External Power is provided to increase audible sound.

90Volt Application
(Line Powered)
UP TO 95DB

- **"110" Direct Punch Down Connection**
- **Modular or Line Cord Plug In** (Standard TIP, RING connections)

**NOTE:** Use this hook-up for connection to direct C.O Line or PBX/KSU system with analog station port. When not using an external power supply, this unit may not support all tones properly.

Dry Contact Application
(Common Audible)
UP TO 115DB

- **External Power**: 24VAC, 24VDC or 48 VDC
- **PBX/KSU Dry Relay Contacts**

**NOTE:** Use this hook-up for connection to PBX/KSU system with common audible dry relay contacts.
Installation Instruction continued...

Typical Instalation
The illustrations below show the connections required to install a NTL600E Loud Ringer

90Volt Application
(External Power)
UP TO 115DB

<table>
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<tr>
<th>External Power</th>
<th>Jumper for 90V Ring Cadence</th>
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<tr>
<td>24VDC or 48 VDC</td>
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<tr>
<td>Terminal Screws Connection</td>
<td>Modular or Line Cord Plug In (Standard TIP, RING connections)</td>
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**NOTE:** Use this hook-up for connection to direct C.O Line or PBX/KSU system with analog station port. External Power is provided to increase audible sound.

Dry Contact Application
(Common Audible)
UP TO 115DB

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**NOTE:** Use this hook-up for connection to PBX/KSU system with common audible dry relay contacts.

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