

T7100/M7100 Loud Ringing

There are four ways to activate a Loud Ringer from a Norstar/BCM 7100 digital telephone:

1. KSU Auxiliary Ringing Dry Contacts

If the auxiliary ringing dry contacts of the KSU have not been used for another function, they can be programmed to activate when the station rings (See www.algosolutions.com/pdf/AN-0103.pdf).

2. Unused Analog Port

An unused analog port or ATA can be assigned to ring when the 7100 telephone rings, which could activate a ringer (See www.algosolutions.com/pdf/AN-0112.pdf).

3. Connect to Bell Jack

For a direct connection to the 7100 telephone, the 1825PM Duet Plus Loud Ringer can connect to the Bell Jack, as illustrated in Diagram 1. The Duet Plus should be within 14 feet of the telephone, and the ring volume should be set a few levels above minimum. No ringing will be provided while the telephone is in use.

Requirements
<ul style="list-style-type: none"> • 1825PM Duet Plus • 2502 Modular Cord • 1185 Horn Speaker (optional)

4. Connect to AuxBox

The 4100 AuxBox can monitor the digital signals to the telephone and provide a dry-contact closure during ring to activate the 1825PM Duet Plus ringer. The AuxBox can be located anywhere between the KSU and telephone, as shown in Diagram 2. There are no distance limitations between the AuxBox and Duet Plus. The advantages of this option are that the ring volume of the telephone can be minimized, connections can be made in the equipment room, and ringing will be provided even when the telephone is in use.

Requirements
<ul style="list-style-type: none"> • 4100 AuxBox • 1825PM Duet Plus • Pre-wire • 1185 Horn Speaker (optional)

Learn More

- Overview of Loud Ringing Solutions and Configurations (see www.algosolutions.com/pdf/AN-0112.pdf)

For T7100 and M7100 Norstar/BCM Telephones

Diagram 1: Connect to Bell Jack

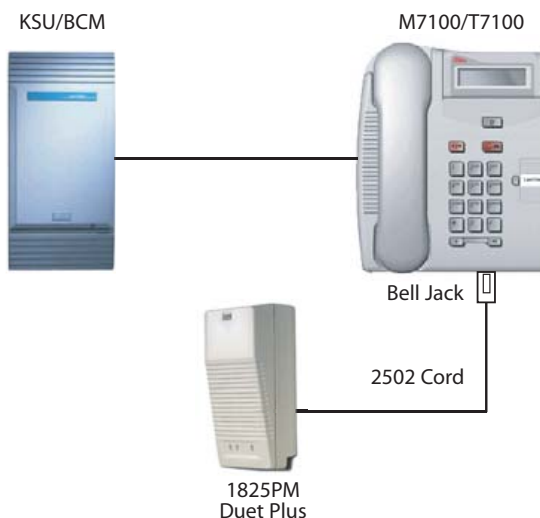


Diagram 2: Using AuxBox

