

## T7406 Loud Ringer

There are three main options for connecting a Loud Ringer to a T7406 telephone. Each option uses the Algo 1825 Duet Plus.

### 1. Auxiliary Contacts

If the auxiliary ring contacts of the KSU/BCM have not been used for another purpose, then they can be programmed to provide auxiliary ringing of the T7406 telephone. (See [www.algosolutions.com/pdf/AN-0103.pdf](http://www.algosolutions.com/pdf/AN-0103.pdf)).

### 2. Use Spare Analog Station Port

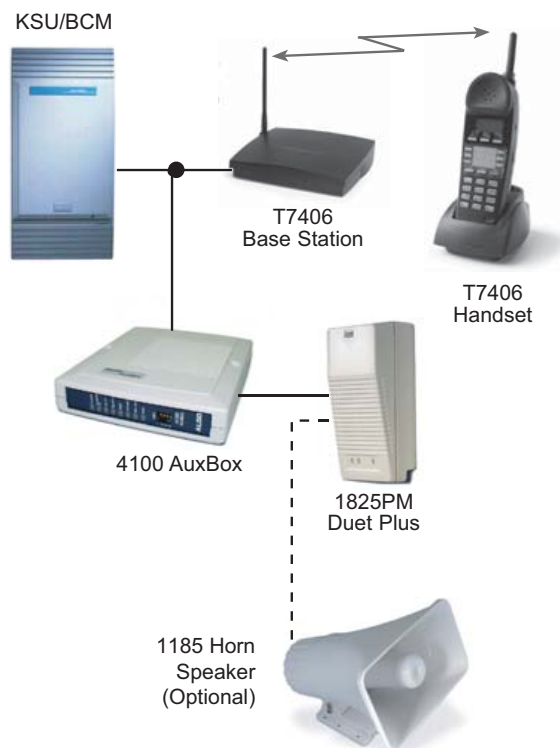
If the system has a spare analog station port or ATA, then that port may be programmed to ring when the T7406 telephone rings. A ringer may be connected to the analog port. See [www.algosolutions.com/pdf/AN-0102.pdf](http://www.algosolutions.com/pdf/AN-0102.pdf) for more information.

### 3. 4100 AuxBox

The third option is to use the 4100 AuxBox to detect ring signals between the T7406 telephone and the KSU/BCM (see diagram). The AuxBox must connect to the digital wire pair associated with the appropriate T7406 handset if multiple handsets share a single base station.

One of the relay outputs of the AuxBox can indicate ring activity of the T7406 telephone and activate a Duet Plus auxiliary ringer and, if required, the optional 1185 Horn Speaker.

### For T7406 Norstar/BCM Telephones



#### Requirements

- 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](http://www.algosolutions.com/pdf/AN-0112.pdf))