

Loud/Outdoor Ringer activated from Norstar/BCM Telephones: M7208/7310/7324 OR T7208/7316

This application is for the provision of an extremely loud ringer suitable for machine shops, large warehouses, and outdoor areas. The 1825P Duet Plus ringer and 1185 Horn Speaker will provide a 112 dBA low-frequency warble whenever the telephone rings. Both tone and volume are adjustable. The Duet Plus must be installed in an indoor location; however, the 1185 Horn Speaker may be installed outdoors.

There are four ways to activate an office ringer from a Norstar/BCM M7208/7310/7324 **OR** T7208/7316 digital telephone. If the auxiliary ringing dry contacts of the KSU have not been utilized for another function, they can be programmed to activate when the station rings (see Application Note AN-0104). Alternately, an unused analog port or ATA can be assigned to ring when the M7208/7310/7324 **OR** T7208/7316 telephone rings, which could activate a ringer (please see Application Note AN-0103).

Connect to headset jack:

For a direct connection to the M7208/7310/7324 **OR** T7208/7316 telephone, the 1825P Duet Plus ringer can connect to the M7208/7310/7324 **OR** T7208/7316 headset jack, as shown 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:	1825P Duet Plus
	2501 Modular Cord
	1185 Horn Speaker

AuxBox:

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. The 4100 AuxBox can monitor the digital signals to the telephone and provide a dry-contact closure during ring to activate the 1825P 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.

Requirements:	4100 AuxBox
	1825P Duet Plus
	1185 Horn Speaker
	Pre-wire

