

**For Meridian 3900 Series Telephones:  
M3902, M3903, M3904 & M3905**

## Using the Meridian External Alerter and Recording Interface (MEARI)

The Meridian External Alerter and Recording Interface (MEARI) is an accessory device that connects to M3902, M3903, M3904, and M3905 Meridian 1/CS 1000 Telephones and provides relay contact outputs for both ringing and in-use (off-hook) status that can be interfaced to Algo Loud Ringer and Visual Alerter products. Additionally, the MEARI provides an audio output connection to voice recording equipment.

Installing the MEARI accessory requires the telephone to be equipped with the M3900 series ACM (Accessory Connection Module) and power supply available from Nortel Networks.

Three output connectors are provided on the back of the MEARI:

Connector	Function
2.5mm Jack	Call Status Relay
3.5mm Jack	Record audio (microphone Level)
RJ12 Jack	Call Status relay; Record audio (Line Level); Ring Relay

The RJ12 modular jack provides access to all three output signals and is intended for wiring connection to remotely located equipment (not on the desktop). Connections are as follows:

Position	Wire Color	Function
3,4 center pair	Green, Red	Call Status relay contact
2,5 2nd pair	Black, Yellow	Record audio (live level)
1,6 3rd pair	White Blue	Ring Relay contact

Since all three outputs operate independently, the MEARI can be used for more than one purpose such as for loud ringing, call in progress indication, and recording.

### Loud Ringing

Using the third pair of the RJ12 jack (for Ring Relay), the Telephone can be fitted with the Algo 1825PM Duet Plus Loud Ringer. Typically a 6-wire modular cord is used to connect to a separate wall jack which is then wired to the Duet Plus ringer. For increased loudness, the 1825 can be connected with the 1185 Horn Speaker.

### In-Use Visual Alerting

The MEARI provides a dry contact closure output on the first pair of the RJ12 jack and also the 2.5mm jack for in-use indication.

The 1127P Desktop Visual Alerter can be quickly connected on the desktop into the 2.5mm jack using a cord supplied with the alerter. Alternately, a standard modular cord can be used with the RJ12 jack to supply the in-use contact to a wall jack that can then be wired to the 1127P in a location off the desktop.