VANTAGE

GBS SERVICES PRODUCT REPORT

AT&T

SPIRIT STATION ALERT MODULE

AT&T announced the general availability of a station alert devise that replaces the discontinued unit for the SPIRIT Communications Systems. The _new_ SPIRIT Alert Module (SAM) will be available April 3, 1989. The new apparatus code and Comcode are listed under ordering information. The PEC 60315 will remain the same as for the previous unit.

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OVERVIEW

The SPIRIT Station Alert Module is an adjunct that permits the connection of either <u>stations</u> or <u>lines</u> to external alerting devices. It can be installed with a station to alert for an incoming call to that station or installed using the alert jack on the system controller to alert for an incoming call on any line or lines. This alert module offers a greater flexibility than the current alerter which provides only line, not individual station connection to external alerts.

The SPIRIT Station Alert Module allows the connection of MERLIN® CS extra alert devices such as the Extra Alert Bell (61212), Extra Alert Horn (61213), Extra Alert Strobe (61221) to either SPIRIT Telephones or Lines. More than one alerting device can be connected to the alert module with the use of a "T" connector. A maximum of three external alerts can be connected to each SPIRIT Alert Module. One exception is the connection of bells. One alert module can support up to two bells and one other device, but <u>not</u> three bells.

PRODUCT DESCRIPTION

The Station Alert Module (SAM) will be a microprocessor based device that can be connected between the SPIRIT controller and a station set. The unit will consist of a small enclosure with three modular jacks, a power connector and an ON/OFF switch. The modular jacks are used to connect to the station, controller and an alerter. A small wall mounted transformer, that plugs directly into a receptacle, will power the unit. The SAM can operate in foreign markets if the external transformer is replaced with one having the proper line voltage. A seven foot cord will connect the transformer to the power connector on the unit. The only control is an ON/OFF switch. SAM operational status will be obtained from a visual inspection of the switch position. When signaling is required, the SAM will supply 48 volts DC plus or minus 10% to the alerter jacks.

SAM will generate its own ring cadence since some of the existing alerts will not respond to short (200 MS) ring cycles. SAM will operate in data monitor mode if its controller jack is connected to a station port on a SPIRIT controller and the station jack is connected to either a 6- or 24-button SPIRIT set. When operating in this mode, a locally generated ring cadence will be generated when the SAM detects any of the following controller ring patterns:

- o Intercom Ringing

- o Central Office Ringing

- o Transfer Ringing

- o Call Rack Ringing

- o Manual Signaling

The SAM will operate in the contact closure mode if the controller jack is connected to the external jack on a SPIRIT controller. When operating in this mode the SAM will activate the external alert whenever a contact closure is detected.

ORDERING INFORMATION

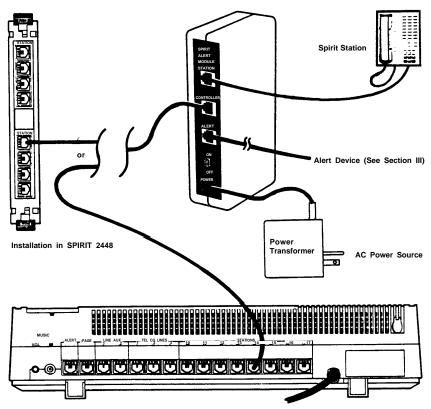PEC 60315   APPARATUS CODE 112B   COMCODE 105675532

INSTALLATION

Connecting to Your SPIRIT Communications System

1. Connecting to a Station Jack

If you install your *SAM* in a station jack on your controller, the external alerter will be activated for that station only.
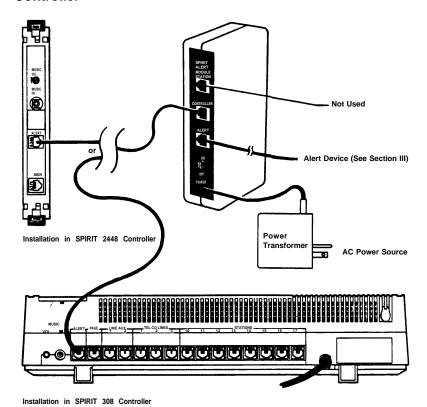
Connecting to the Station Jack on SPIRIT Controller

INSTALLATION

Connecting to the Alert Jack

You may use your SPIRIT Alert Module with your controller on a *line* basis, so that the external alerter is activated according to the administration of your system. To connect the *SAM* to the alert jack of your controller, see Figure 5.

NOTE: In this installation the "STATION" jack on the SAM is not used

Connecting to the Alert Jack on SPIRIT Controller

Installation in SPIRIT 2448 Controller

Not Used

Alert Device (See Section III)

Power Transformer

AC Power Source

Installation in SPIRIT 308 Controller

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