

## Your Phone System

There are many different brands and models of telephone systems, however, most systems have the ability to place callers on hold and allow them to listen to a music or message source from outside the phone system.

Commonly, some external sound sources include radio or CD player, while chimes are generated from within the phone system itself.

All external sources must be connected to the phone system via an LIU (or Line Isolation Unit). This stops extraneous voltages from entering your phone system which could cause serious damage.

In many cases, your telephone technician would have installed an LIU which only allows you to connect a radio close to the phone system.

If you don't have a computer close by, you will need to have the LIU shifted.

Technicians instructions are given on the opposite page. Whether you have an existing system or a new system installed, please indicate to the technician that you require the LIU socket near a computer. Your reception computer is ideal for our software.

Please photocopy the following page and give to your telephone technician.

For the best possible results, ensure your technician adheres to these instructions. Having them return is a costly exercise that is unnecessary if the job is correct in the first place.

## Technical Advice

For best results, **do not use** an LIU with a mono 3.5mm plug (see Fig 1). This results in utilising only one channel of the sound card which may provide poor quality. We insist you use an LIU with a stereo 3.5mm plug (see Fig 2)

Program COMMANDER/PABX for external music input. From the physical location of the computer, locate the closet extension and utilise a spare pair of cables within the wall socket. If they are RJ type sockets, you may be required to add another wall plate. In this case, use a 611 Wall Socket.

Extend the wall socket by using an additional 611 socket or equivalent.

Use standard LIU pin configuration - Pins 4 & 6 (Fig 3)

Connect radio or CD Player to the LIU

Find the music out connections on the Key Telephone System and connect to a spare pair on the MDF.

Locate and connect the wires from the extension used to the MDF.

Check audio levels and adjust internal audio pots a little higher than comfortable. Further adjustments can be made at the LIU pot and computers sound card.

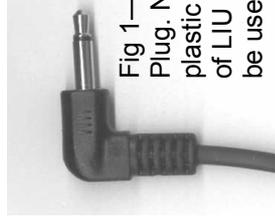


Fig 1— Mono 3.5mm Plug. Note only one plastic ring. This type of LIU **SHOULD NOT** be used



Fig 2 - Note the two plastic ring separation

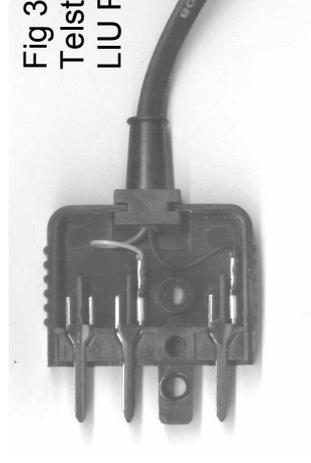


Fig 3  
Telstra 605 Plug  
LIU Pins 4 and 6