

Technical Solutions
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Operating Instructions TSPhone TSP2

*A single switch operated
telephone, designed specially for
people with physical disabilities*

The TSPhone has been designed to provide access to the telephone network for people who cannot physically manage a conventional phone. Special solution circuits have been fitted that allow us to plug switches and accessories into the phone while still meeting all the relevant safety standards.

Inserting the Batteries

Two sets of AA batteries are needed to make the TSPhone work. They are both accessed from the underside of the phone.

- * Unplug the phone from the wall.
- * With the phone upside down, press in the two retaining spring clips at the same time, and pull the cover upwards. The batteries are held in a plastic holder. Be careful not to pull the holder and strain the wires. When replacing the batteries, make sure the negative (-) ends goes towards the curly springs.
- * A second set of batteries is hidden inside the back of the phone bottom. Use a small Philips head screw driver to undo the single screw on the battery cover. Pull the cover up to reveal the battery compartment. Check the orientation of the batteries against the markings inside the compartment.



Selecting, positioning and connecting your Switch

This is a subject in its own right. If you are already a switch user, then any of your current switches can be used with the TSPhone. If you are unsure what switch would suit, discuss the situation with your Occupational Therapist. Technical Solutions can also provide suggestions and a catalogue of switch options. When considering a switch, bear in mind that the switch position is often as important as the choice of switch itself. It may be necessary to set the TSPhone up on a special table, or use a switch mounting arm to hold the switch. The user switch plugs into the 3.5mm socket at the back of the TSPhone. Pressing the user switch is the same as pressing the “hands free” button on the front of the phone. To avoid accidental “double presses”, and assist people with tremor, a one second time delay is built into the user switch connection. You must wait one second between switch presses.

Positioning the TSPhone

With any hands free phone, the closer you can get to the microphone (which is at the very front), the better you will sound. When using the TSPhone, try to speak directly towards the phone, and ensure access to the phone is not blocked by furniture.

Connecting the TSPhone

This is the easiest part! Plug the phone lead into your telephone socket. If you have a modular style socket (a small socket - not the large white one usually used in Australia), remove the white adaptor plug from the end of the TSPhone lead. This will reveal a modular plug.

What About Making Outgoing Calls?

TSPhone users can take advantage of the National Relay Service and Telstra Delayed Hot-line services for out going calls. Delayed Hot-line will automatically dial a preset number 4 seconds after you press your switch. It can be preset to dial the National Relay Service, which is an operator based service that will connect you to the person you ask for.

Delayed Hotline

This service automatically dials a preset number if you take the phone off hook, and do not start dialling a number within four seconds. If you do start dialling a number within this time the Delayed Hotline is switched off for that call.

To Initiate A Call: Press your switch to obtain dial tone. Wait while Delayed Hot-line connects you to the National Relay Service operator. The operator can then assist with connection to the person you want to call. Finally press your switch again to hang up.

And of course, the TS Phone can still be used in the conventional way as well. To use the phone in a conventional way, simply pick up the handset or press the hands free button, and then start dialing your number within four seconds.

Notes on Delayed Hotline:

- You need to apply to use both the National Relay Service and Telstra Delayed Hotline
- The National Relay Service is a free Australia-wide telephone access service available to people with specific disabilities. Contact of the National Relay Service for more information.
- While Telstra normally charge a fee for the Delayed Hotline service, Contact Telstra Disability Services to find out if you are eligible for an exemption.

Safety

Built in switch isolation means any momentary switch can be used. Micro switches, blow, touch or electronic proximity switches are all compatible with the phone, and can be used without additional approval or testing.

Accessories

Headset

Both corded and wireless headsets are available. These plug into the headset socket on the side of the TSPhone, enabling a private conversation to be held. See www.tecsol.com.au

Linking into Environmental Control Units & Wheelchair accessory ports

Technical Solutions can link the TSPhone into most ECUs. Please contact us for further information.

Cordless Interface for use with Environmental Control Equipment

The TSPhone Controller gives full control of the TSPhone from infra red environmental control devices.

Need a special interface?

Technical Solutions can design interfaces for people with specific needs. Please call us for free advice.

Warranty

We guarantee the TSPhone to be free of manufacturing faults and defects for a period of twelve months from date of purchase. In the event of a warranty claim, please contact us for advice. If necessary we will explain how to return the TSPhone to us for repairs.

