



**TRIO**  
DATA COM

# TC-SR PROGRAMMER USER GUIDE

41 Aster Avenue Carrum Downs 3201 Australia Tel: 61 3 9775 0505 Fax: 61 3 9775 0606 www.trio.com.au

## Introduction

This programmer is a 16 bit application, capable of being run under all versions of Windows®, and is designed to configure the "S" series of Trio half duplex "Data Ready Radios". It will program all of the "S" range, from the earliest TC-900S to the TC-450S series.

## Installation

The TCSRPROG programmer is distributed on one CD, with one setup procedure for Windows® versions "NT", "95" & "98".

Insert the CD into the drive. From the Start menu, select "Run" and type in "a:\setup.exe", and follow the screen instructions.

The installation procedure copies some support files to the \WINDOWS\SYSTEM directory, and TCSRPROG.EXE, TCSRPROG.HLP, and TCSR.RDB files to the home directory for the programmer, and installs an icon with which the programmer can be conveniently started. The home drive/directory can be specified at installation time.

## Running The Program

The TC-S Programmer allows radio configurations to be read or written, or data files of radio configuration to be read or written. This programmer can import data files created by the previous DOS based version of the "TC-900SR" programmer. However, data files created by this new programmer cannot be read by the old programmer.

## Screen Layout

On the left side of the programmer window, is a panel which presents information about the radio configuration that has just been read, including its firmware revision number, build type, serial number, and the amount of frequency offset which has been applied to the radio since the day it left the factory. On the right side of the programmer window, is a panel where the user configurable parameters are presented, including Transmit and Receive Frequency, PTT Time, and a field where a frequency offset may be effected.

Below the left side panel are two "buttons" which allow access to the mute setting, and transmit power setting functions (for Build Types that support this feature).

When file data is being edited, the Frequency Trim and Mute functions are not available. These functions are only available when a radio has been read.

The Tx Power setting function is available in both cases, however the facility to set transmit power with an RF power meter is only available with a physical radio.

By default, communications with a physical radio is via COM2. This may be changed by selecting **CommPorts** from the menu bar and selecting the preferred port. A valid command line parameter is /1 to make this change automatically whenever the programmer is started.

Eg: "C:\ProgramFiles\Trio\TCSRPROG\TCSRPROG.EXE" /1"