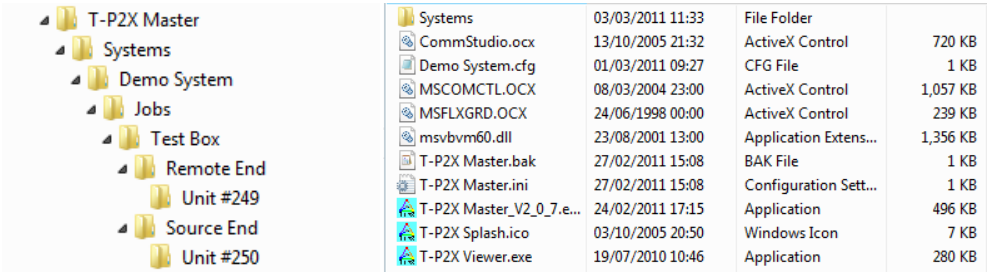
Instructions for installing T-P2X Master software

Download **T-P2X Master.zip** to a temporary location.

When installing for the first time, unzip **T-P2X Master.zip** to a folder called **C:\T-P2X Master** which should produce the file structure below (which can be checked using Windows Explorer).



Test the installation by running **T-P2X Master_V2_0_7.exe**. If a runtime error occurs check that the application is being run in Administrator mode.

T-P2X Master.zip contains a series of demonstration records in a folder called **Demo System** (see next page) which illustrate the basic controls and methods of display used by the **T-P2X Master** application

To update an earlier version of **T-P2X Master** in an existing **C:\T-P2X Master** folder, unzip **T-P2X Master.zip** to the existing **C:\T-P2X Master** folder and accept any prompts to overwrite existing files. All existing files and records will be retained . Modify the properties of any existing desktop shortcut to point to the latest version of the T-P2X Master application.

I f the application has to be installed in a location other than **C:\T-P2X Master** thefirst line of **T-P2X Master.ini** must be modified to reflect the new location.

Details of records contained in Demo System folder

The records were obtained on a test box model of 200 metres of conventional 4 core cable with an open circuit fault on the Y phase and a short circuit to earth fault on the B phase. The R phase of the cable was energised at 240 volts.

Operation	Unit	Filename	Balance	Gain	Pulse	Range	Current FSD	Trigger Mode	Comments
Manual Test	Unit #250	11-03-01 10-07-38(R-N=Internal)	10	10	2	400	2	TDR Voltage Dip & Current	Typical default settings
Manual Test	Unit #250	11-03-01 10-09-30(R-N=Internal)	10	20	2	400	2	TDR Voltage Dip & Current	Gain too high
Manual Test	Unit #250	11-03-01 10-09-52(R-N=Internal)	10	0	2	400	2	TDR Voltage Dip & Current	Gain too low
Manual Test	Unit #250	11-03-01 10-10-23(R-N=Internal)	10	10	2	400	2	TDR Voltage Dip & Current	Gain Optimised
Manual Test	Unit #250	11-03-01 10-10-48(R-N=Internal)	10	10	1	400	2	TDR Voltage Dip & Current	Narrow Pulse
Manual Test	Unit #250	11-03-01 10-11-25(R-N=Internal)	10	10	8	400	2	TDR Voltage Dip & Current	Wide Pulse
Manual Test	Unit #250	11-03-01 10-11-49(R-N=Internal)	10	10	2	400	2	TDR Voltage Dip & Current	Optimised Pulse
Manual Test	Unit #250	11-03-01 10-12-03(R-N=Internal)	60	10	2	400	2	TDR Voltage Dip & Current	Internal Balance too high
Manual Test	Unit #250	11-03-01 10-12-31(R-N=Internal)	0	10	2	400	2	TDR Voltage Dip & Current	Internal Balance too low
Manual Test	Unit #250	11-03-01 10-14-01(R-N=Internal)	28	10	2	400	2	TDR Voltage Dip & Current	Internal Balance Optimised
Manual Test	Unit #250	11-03-01 10-15-35(Y-N=Internal)	10	10	2	400	2	TDR Voltage Dip & Current	Typical default settings
Manual Test	Unit #250	11-03-01 10-16-02(Y-N=Internal)	28	10	2	400	2	TDR Voltage Dip & Current	Internal Balance Optimised
Manual Test	Unit #250	11-03-01 10-16-40(Y-N=R-N)	R-N	10	2	400	2	TDR Voltage Dip & Current	External Balance against R-N
Manual Test	Unit #250	11-03-01 10-17-05(B-N=Internal)	10	10	2	400	2	TDR Voltage Dip & Current	Typical default settings
Manual Test	Unit #250	11-03-01 10-17-27(B-N=Internal)	28	10	2	400	2	TDR Voltage Dip & Current	Internal Balance Optimised
Manual Test	Unit #250	11-03-01 10-17-47(B-N=R-N)	R-N	10	2	400	2	TDR Voltage Dip & Current	External Balance against R-N
Manual Test	Unit #250	11-03-01 10-18-34(R-Y=Internal)	10	10	2	400	2	TDR Voltage Dip & Current	Typical default settings
Manual Test	Unit #250	11-03-01 10-19-50(R-Y=Internal)	52	10	2	400	2	TDR Voltage Dip & Current	Internal Balance Optimised
Manual Test	Unit #250	11-03-01 10-20-18(R-Y=B-Y)	B-Y	10	2	400	2	TDR Voltage Dip & Current	External Balance against R-N
Manual Test	Unit #250	11-03-01 10-21-25(R-Y=R-B)	R-B	10	2	400	2	TDR Voltage Dip & Current	External Balance against R-N
Manual Test	Unit #250	11-03-01 10-22-05(Y-B=Internal)	10	10	2	400	2	TDR Voltage Dip & Current	Typical default settings
Manual Test	Unit #250	11-03-01 10-22-33(Y-B=Internal)	52	10	2	400	2	TDR Voltage Dip & Current	Internal Balance Optimised
Manual Test	Unit #250	11-03-01 10-22-59(Y-B=R-B)	R-B	10	2	400	2	TDR Voltage Dip & Current	External Balance against R-N
Manual Test	Unit #250	11-03-01 10-23-20(Y-B=Y-R)	Y-R	10	2	400	2	TDR Voltage Dip & Current	External Balance against R-N
Manual Test	Unit #250	11-03-01 10-23-49(B-R=Internal)	10	10	2	400	2	TDR Voltage Dip & Current	Typical default settings
Manual Test	Unit #250	11-03-01 10-24-13(B-R=Internal)	52	10	2	400	2	TDR Voltage Dip & Current	Internal Balance Optimised
Manual Test	Unit #250	11-03-01 10-24-34(B-R=Y-R)	Y-R	10	2	400	2	TDR Voltage Dip & Current	External Balance against R-N
Manual Test	Unit #250	11-03-01 10-24-55(B-R=B-Y)	B-Y	10	2	400	2	TDR Voltage Dip & Current	External Balance against R-N
Triggered TDR	Unit #250	11-03-01 10-30-09(14)	10	10	2	400	2	TDR Voltage Dip & Current	Typical default settings
Triggered TDR	Unit #250	11-03-01 10-32-55(15)	28	10	2	400	2	TDR Voltage Dip & Current	Internal Balance Optimised
Triggered TDR	Unit #250	11-03-01 10-35-47(17)	Y-N	10	2	400	2	TDR Voltage Dip & Current	External Balance against Y-N
Manual Trigger	Unit #250	11-03-01 10-37-23(MT)	10	10	2	400	2	TDR Voltage Dip & Current	Typical default settings
Manual Trigger	Unit #250	11-03-01 10-38-24(MT)	10	10	2	400	2	TDR Voltage Dip & Current	Marker unit at remote end
Manual Trigger	Unit #250	11-03-01 10-40-06(MT)	10	10	2	400	2	TDR Voltage Dip & Current	Marker unit at intermediate point
Manual Test	Unit #250	11-03-01 11-18-49(R-N=TRS)	10	10	2	400	2	TRS MASTER(Filter On)	Unit #249 set as TRS MASTER(Filter On)
Manual Test	Unit #250	11-03-01 11-22-17(R-N=TRS)	10	10	2	400	2	TRS SLAVE(Filter On)	Unit #249 set as TRS MASTER(Filter On)
Manual Test	Unit #250	11-03-01 11-22-45(R-N=TRS)	10	10	2	400	2	TRS MASTER(Filter On)	Unit #249 set as TRS SLAVE(Filter Off)
Manual TRS	Unit #250	11-03-01 11-12-56(MT)	10	10	2	400	2	TRS SLAVE(Filter On)	Unit #249 set as TRS MASTER(Filter On)
Manual TRS	Unit #250	11-03-01 11-15-59(MT)	10	10	2	400	2	TRS MASTER(Filter On)	Unit #249 set as TRS SLAVE(Filter On)
Manual TRS	Unit #250	11-03-01 11-16-51(MT)	10	10	2	400	2	TRS MASTER(Filter On)	Unit #249 set as TRS MASTER(Filter On)
Triggered TRS	Unit #250	11-03-01 11-50-21(02)	10	10	2	400	2	TRS MASTER(Filter On)	Unit #249 set as TRS MASTER(Filter On)
Triggered TRS	Unit #250	11-03-01 12-13-43(06)	10	10	2	400	2	TRS MASTER(Filter Off)	Unit #249 set as TRS MASTER(Filter Off)
Triggered TRS	Unit #249	11-03-01 11-50-20(07)	10	10	2	400	2	TRS MASTER(Filter On)	Unit #250 set as TRS MASTER(Filter On)
Triggered TRS	Unit #249	11-03-01 12-13-43(11)	10	10	2	400	2	TRS MASTER(Filter Off)	Unit #250 set as TRS MASTER(Filter Off)