� **IECEx Certified**

� **A-tick**

� **Modular (2 to 80+ Lines)**

� **Phone Manager II**

- **Operator interface**

- **Diagnostic data**

- **Emergency call control**

DESCRIPTION

The ST2 provides an intrinsically safe interface barrier between the Public Switched Telephone Network (PSTN) and the private Minephone network.

A ST2 system physically consists of three main parts: the cabinet(s) which holds the ST2 Intrinsically Safe Interface Barrier system, the A103 Intrinsically Safe Telephone and the phone cable.

Both ST2 and A103 phone are IECEx explosion protection certified and EMC C-tick compliant. The ST2 has further obtained ACMA compliance A-tick and IEC (AS/NZS) 60950 Electrical Safety approval.

The ST2 system can work either in stand-alone mode or with Austdac's Phone Manager II GUI.

Austdac's PC based Phone Manager II GUI adds additional control to the phone system. It can perform functions such as conference calls between phones on the network, monitoring emergency tone or calls from Minephones, logging calls for audit purposes, monitoring phone line status, etc.

The ST2 can accommodate up to 78 lines per cabinet and additional cabinets can be used to accommodate up to 158 lines.

CERTIFICATION

The ST2 is IECEx certified for use in Group I hazardous areas under certificate IECEx ITA 12.0006X.

The ST2 markings are Ex ia I [Ex ia] I.

The ST2 is A-tick approved under supplier code N10952.

Note: The Mine Telephone type A103 is not certified for use with the ST/1 Telephone System.
The ST/1 Telephones, AD100, AD101 and AD102, are not certified for use with the ST2 Telephone System.

WEB
www.austdac.com.au

SPECIFICATION

ST2 Telephone System

Name	Telephone System
Type	ST2
Input Voltage	110VAC or 240VAC
Input Power	50VA per rack
Dimensions	System is designed to be 19" rack mounted. Minimum system height (1 to 19 lines) is 10RU. Each additional 20 lines adds 6RU. Minimum depth is 450mm. Please consult with Austdac for the dimensions of your configuration.
Weight	Please consult with Austdac for the weight of your configuration.
Cable Types (Mineside)	Type A, B or C Cables 0.9 mm twisted pair
Uo	27.24V
Io	130mA
Po	885.4mW
Co	3.6uF
Lo	27.6mH
Ci	Negligible
Li	Negligible
L/R	527uH/ohm

A103 Intrinsically Safe Telephone

Name	Intrinsically Safe Telephone
Type	A103
Dimensions	490mm (H) x 230mm (W) x 145mm (D)
Weight	10kg
Ui	27.3V
Uo	9.6V
Ii	500mA
Io	0mA
Pi	3.54W
Po	0mW
Ci	220nF
Li	Negligible

DESCRIPTION	ORDER CODE
Telephone System	Call us for custom made system

WEB
www.austdac.com.au