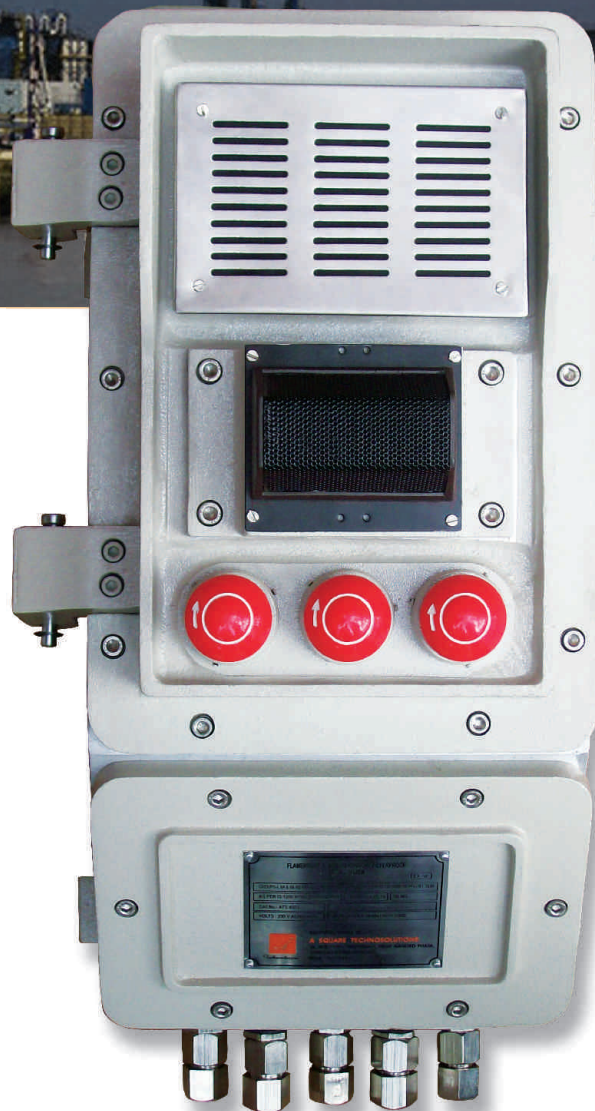


ATS 4003

Flameproof | Pilferproof

Wall Mounting PA Station



Technosolutions

A Square Technosolutions, leading manufacturer, sales & service provider in industrial communication field presents

Flameproof Paging Station

suitable for hazardous areas, with better features at competitive price.

ATS 4003

Flameproof, Pilferproof Wall Mounting PA Station



It is made of special aluminum alloy casting machined to high accuracies ensuring the required flame path to comply with IS standard. The unit has got built in square line and power amplifiers with control logic circuitry to ensure clear and distortion free audio out put. Provides 2-Channel audio output. The unit has three numbers of push buttons, which can be used for PAGE function and CALL MASTER, PVT function. The line and amplifier outputs can withstand short circuits.

Salient Features

- Perfect substitute for costly imported wall mounting Stations with the similar Specifications offering great savings.
- Design based on 20 years of rich experience in the Industrial communication field.
- Suitable for use in diverse industrial environments in any type of industry.
- Two independent channels.
- Simplicity of operation.
- Construction suitable for easy servicing.
- Certified by CMRI for use in hazardous area as per IS/IEC 60079-1:2007 for class-I, class IIA and class IIB.
- Fully compatible with Philips Paging System with 30 Watt peak power output.
- IP protection / IP 55

Standards & Certifications

- IS/IEC 60079-0:2004 General Requirements (as electrical apparatus for potentially explosive atmosphere)
- IS/IEC 60079-1/2007 As to Flameproof protection.
- IS/IEC 60529-2001 Ingress protection as per (IP - 55)

CMRI Certificate Number

CIMFR/TC/P/1367 Dated 11/01/2013

We also offer sales & service support for the Industrial & Naval communication, Fire alarm, Access control, Conference and Customized audio-video Systems.

For any further details, please contact us on:

Technical Data

Microphone

Type	Dynamic, Noise cancelling
Internal Impedance	210 Ohm ± 10%
Sensitivity	0.7 mV / Pa

Line Receive Amplifier

Input sensitivity	2V
Output	1 Watt across 8 Ohm
Distortion	< 1 % @ 1 KHz
Residual Noise Level	-50 dB w.r.t. rated output
Frequency Response	200 Hz to 8 KHz (+1/-3 dB)

Line Amplifier Section

Input Sensitivity	2 mV
Input Impedance	4 K 7 Ohm resistive
Output	2 V
Distortion	1 % at 1 KHz

Power Amplifier Section

Input Sensitivity	2 V
Input Impedance	20 K Ohm
Output power	15 W r.m.s. across 8 Ohm or 16 Ohm load on relative tap
Distortion	1 % at 1 KHz

Controls on front panel

Page switch	Yes
Private switch	Yes
FS (Function Switch)	Yes

Controls inside

Input sensitivity control	Yes
Receive level control	Yes
Speech filter jumper	Yes
Cable entry	Via 5 nos glands at bottom

Climatic

Permissible Temp.	Operation: -20° C to 55° C Storage: -40° C to 70° C
Colour	Siemence Gray
Dimension in mm	475 (H) x 240 (W) x 235 (D)

Power Supply

Power Supply	110V / 220V / 240 AC, ±10%
Current consumption	240 V AC - 200 mA 24 V DC - 950 mA



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Represented by

