



Command Intercom System

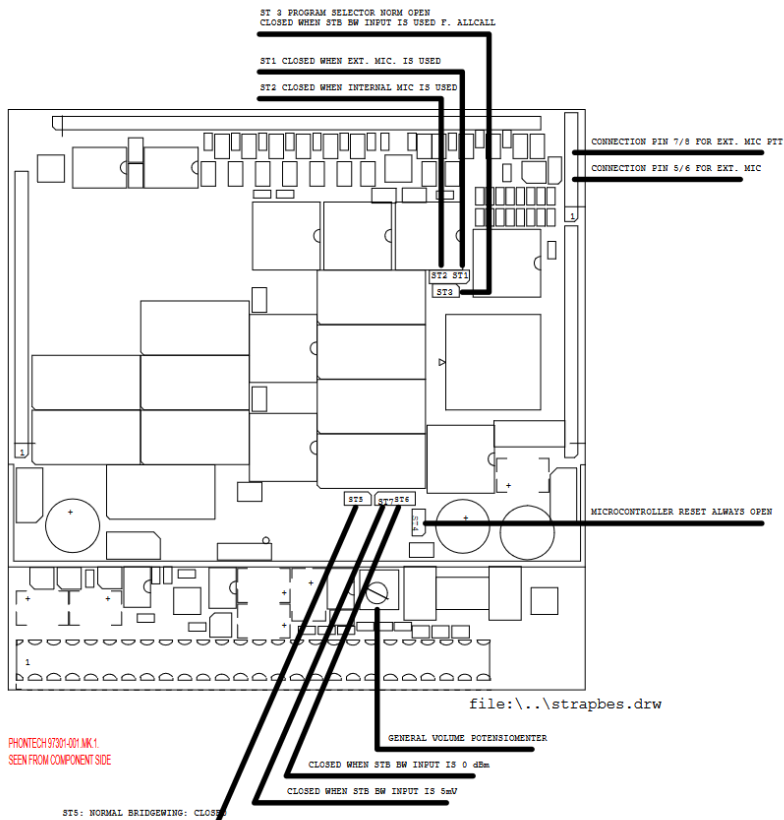
P-3100-5 Lines Quick Guide

Overview

This document is intended for users of the 5-line CIS P-3100 Master Station. For further information, see A100K11941 -User Handbook CIS 310X vXX.

Preparation before power-up and setting to work

Before power-up, the Master Station must be configured according to the requirements. A selection of jumpers decides the operation and how the system behaves.



See also next page for further details

Power-up and Connecting Substations

The Master station contains the terminals for all substations. In addition, there are terminals for:

- External unit loudspeaker
- Port and Starboard (Multi-purpose) Bridging Microphones/Loudspeakers
- Talk/Act.
- Power & GND

More, there is two SIL-connectors for piggyback connection of board 4000015062 - BRD 97301-009 - ADD ON BOARD F./CIS

As the terminations for substations are not split into balanced pairs a close-by junction box must be used.

Recommended distance between the Master Unit and this Junction Box is minimized - max 1m.

J2 Terminal / pin No. - J2 Terminal / pin. nr.	Function / Equipment	Funksjon / tilkoblet utstyr
1 & 2	Volume potentiometer	Volum potensiometer
3 & 4	Unit loudspeaker	Apparat høyttaler
5 & 6	Microphone	Mikrofon element
7 & 8	TALK activator	Tale knapp

Strap	Condition Tilstand	Description / Functionality Beskrivelse / Funksjon	Standard
ST2 ST1 ● ●●●●	ST1 closed ST2 open <i>ST1 lukket ST2 åpen</i>	Using an additional microphone, the integrated microphone is not used <i>Benytter tilleggsmikrofon, integrert mikrofon benyttes ikke</i>	
ST2 ST1 ●●●●●	ST1 open ST2 closed <i>ST1 åpen ST2 lukket</i>	Using the integrated microphone, an additional unit microphone is not mounted <i>Benytter integrert mikrofon, tilleggsmikrofon på enheten er ikke montert</i>	✓
ST3 ● ●	ST3 open <i>ST3 åpen</i>	Starboard bridge wing interface is used as bridge wing interface - NORMAL <i>Styrbord broving interface benyttes som broving - NORMAL</i>	✓
ST3 ●●●●●	ST3 closed <i>ST3 lukket</i>	Starboard bridge wing interface is used as input for external PRIORITY ALL CALL <i>Styrbord broving interface benyttes som inngang for eksternt PRIORITERT ALLE KALL</i>	
ST4 ● ●	ST4 open <i>ST4 åpen</i>	Microcontroller RESET: Always open during normal working conditions <i>Mikrokontroller RESET: Skal alltid være åpen i normal drift</i>	✓
ST4 ●●●●●	ST4 closed <i>ST4 lukket</i>	Only to be used by service personnel: Always open during normal working conditions <i>Benyttes kun av service personell: Skal alltid være åpen i normal drift</i>	
ST5 ● ●	ST5 open <i>ST5 åpen</i>	Disable loudspeaker audio to the starboard bridge wing interface. This facility is used in line feed conditions. i.e PA-system, PABX etc. <i>Frakoble høyttaler audio til styrbord broving interface. Benyttes ved tilkobling til eksternt nøklingssystem f.eks. PA-system, PABX etc.</i>	
ST5 ●●●●●	ST5 closed <i>ST5 lukket</i>	Enable loudspeaker audio to the starboard bridge wing. This facility is used in NORMAL bridge wing operation <i>Tilkoble høyttaler audio til styrbord broving. Benyttes ved NORMAL broving funksjon</i>	✓
ST7 ST6 ● ●●●●	ST6 closed- ST7 open <i>ST6 lukket- ST7 åpen</i>	The starboard bridge wing is connected to a line level (0dBm) interface, i.e. PA system, PABX etc. <i>Styrbord broving er tilkoblet linje nivå (0dBm) interface. F.eks. PA system, PABX etc.</i>	
ST7 ST6 ●●●●●	ST6 open- ST7 closed <i>ST6 åpen- ST7 lukket</i>	The starboard bridge wing is connected to a microphone level interface, i.e. bridge wing microphone, microphone for PRIORITY ALL CALL <i>Styrbord broving er tilkoblet mikrofon nivå interface, f.eks. broving mikrofon, mikrofon for PRIORITERT ALLE KALL</i>	✓

Operation

The Master Station is equipped with 5 pushbuttons for line selection. Each Pushbutton has a bi-colored LED indicator (Green and Orange) The Green indicator shows incoming calls from the Substations. The Orange indicator lights when a substation line is selected. If the Master Station is idle when a substation is calling, the Call tone is sounded. If the unit is busy only the indicator is lit.

The unit is also equipped with a TALK button for Simplex operation. If operated when no line selection has been pre-selected an ALL-CALL public Address message is made.

The SIGNAL button generates a call signal to selected Substation lines.

The unit also contains both an integrated microphone and Loudspeaker for two-way communication.

Further Information

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Hear, be heard, and be understood
– every time and everywhere

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