



Command Intercom System

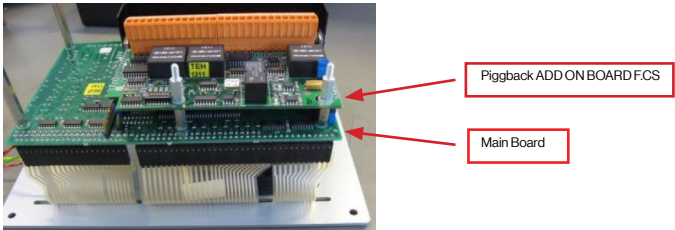
P-3130-15 Lines + 4 Remote Master Quick Guide

Overview

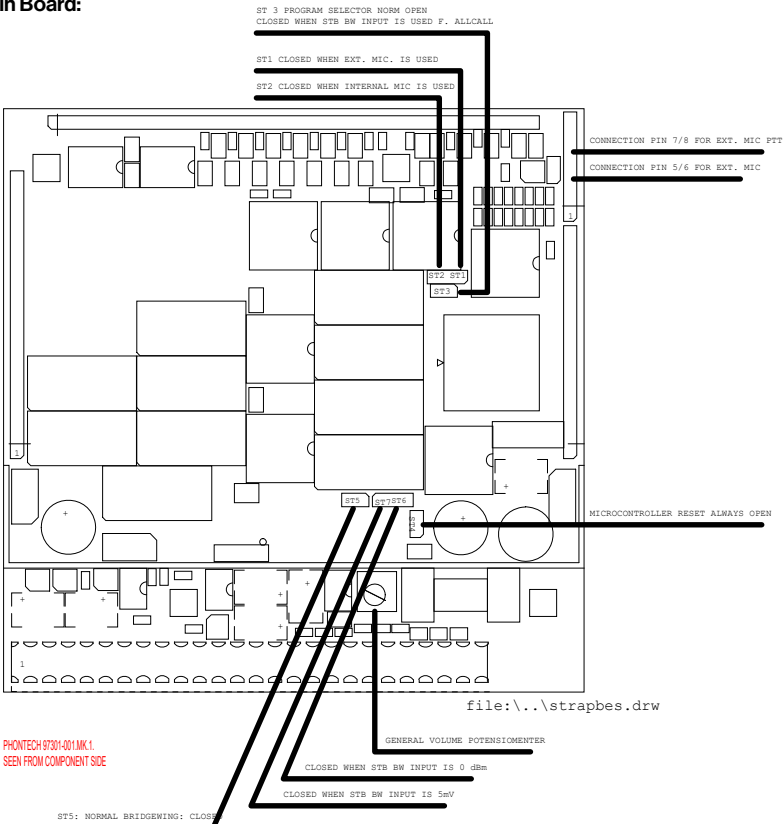
This document is intended for users of the 15-lines/4 Remote CIS P-3130 Master Station. For further information, see A100K11942 - User Handbook CIS 313X vXX.

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 and DIP-switches placed inside the unit, jumpers on the lower Main board and DIP-switches on the upper piggyback accessory ADD-ON BOARD F.CIS. The configuration of these decides the operation and how the system behaves. In order to access the jumpers on the main board it is necessary to temporarily remove the piggyback board:



Main Board:



PHONTECH 97301-001 MK.1
SEEN FROM COMPONENT SIDE

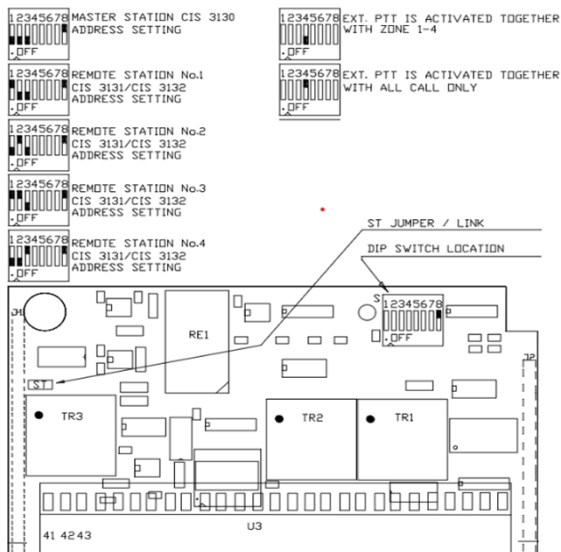
J3 Terminal / pin No. - J3 Terminal / pin. nr.	Function / Equipment	Funksjon / tilkoblet utstyr
1 & 2	Volume potensiometer	Volum potensiometer
3 & 4	Unit loudspeaker	Apparat høyttaler
5 & 6	Microphone	Mikrofon element
7 & 8	TALK activator	Tale knapp

Strap	Condition Tilstand	Description / Functionality Beskrivelse / Funksjon	Standard
ST2 ST1 ● ●---●	ST1 closed ST2 open <i>ST1 lukket</i> <i>ST2 åpen</i>	Using an additional microphone, the integrated microphone is not used <i>Benyttes tilleggsmikrofon, integrert mikrofon benyttes ikke</i>	
ST2 ST1 ●---● ●	ST1 open ST2 closed <i>ST1 åpen</i> <i>ST2 lukket</i>	Using the integrated microphone, an additional unit microphone is not mounted <i>Benyttes 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 ●---●	<i>ST3 closed</i> <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 nøkklingsutstyr 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-</i> <i>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-</i> <i>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>	✓

ADD-ON BOARD F.CIS

- The ST jumper shall be closed in the MASTER station P-3130.
- EXT PTT can either be configured to be zone controlled or activated only during ALL CALL
 - o OFF = EXT. PTT is activated together with Zone 1- 4
(Substation key 12 – 15 respectively – **this feature requires normally use of P-3133, PA Interface for 3130 system**)
 - o ON = EXT. PTT is only activated together with ALL CALL

The DIP-switch 8 shall **always be in the ON position.**



Power-up and Connecting Substations

The Master station contains the terminals for all substations. – the first 8 are prepared for substations with extra signal device)

In addition, there are terminals for:

- The Master station's own external signal device
- All Remote Master stations (Daisy chained serial connection)
 - consisting of 1 Pair serial data, 1 Pair Audio, 1 Pair power (24VDC)
- External unit loudspeaker
- Port and Starboard (Multi-purpose) Bridging Microphones/Loudspeakers
- Up to 4 PA zone control outputs
- Talk/Act.
- Power & GND

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.

Operation

The Master Station is equipped with 15 pushbuttons for substation line selection, one push button for Master and 4 pushbuttons for up to 4 Remote Master stations. In Idle state the Master pushbutton led indicator lights yellow. In case one of the Remotes Master Stations led indicators light yellow this means this Remote Master Station has activated the "IN COMMAND" function. This can be reset back to idle by activating the MASTER pushbutton.

Each Substation 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.

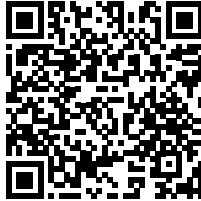
The unit is also equipped with a TALK button for Simplex operation. If operated when no line selection has been pre-selected an ALL-CALL public Address message is made.

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

This document is intended for users of the 15 lines +4 Remote Master CIS P-3130 Master Station. For further information, see A100K11942 - User Handbook CIS 313X vXX.





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

DOC.NO.

Date 9.01.24

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