

MANUFACTURER DOCUMENT PACKAGE

Manufacturer's Manual

Reference package for procurement and maintenance review

YOKOGAWA CENTUM XL

AIP830-101 S2

SINGLE-LOOP OPERATION KEYBOARD

Used with the applicable CENTUM desktop operator stations configuration.

REFERENCE PACKAGE

OFFICIAL DOCUMENT

Selected official manufacturer pages follow this cover.

Source: Yokogawa official manufacturer documentation

General Specifications

Model AIP830
Operation Keyboard for Single-loop Operation



GS 33J50C32-01EN

[Release 6]

■ GENERAL

This document describes the hardware specifications of AIP830 Operation Keyboard for Single-loop Operation for Desktop Type HIS.

It contains an independent USB speaker (a sound function) other than buzzing alarms (buzzer sounds).

An AIP830 keyboard can be used per one Desktop Type HIS.

■ STANDARD SPECIFICATIONS

For installation specifications and environmental conditions, which are common to the systems, refer to the GS "System Overview" (GS 33J01A10-01EN).

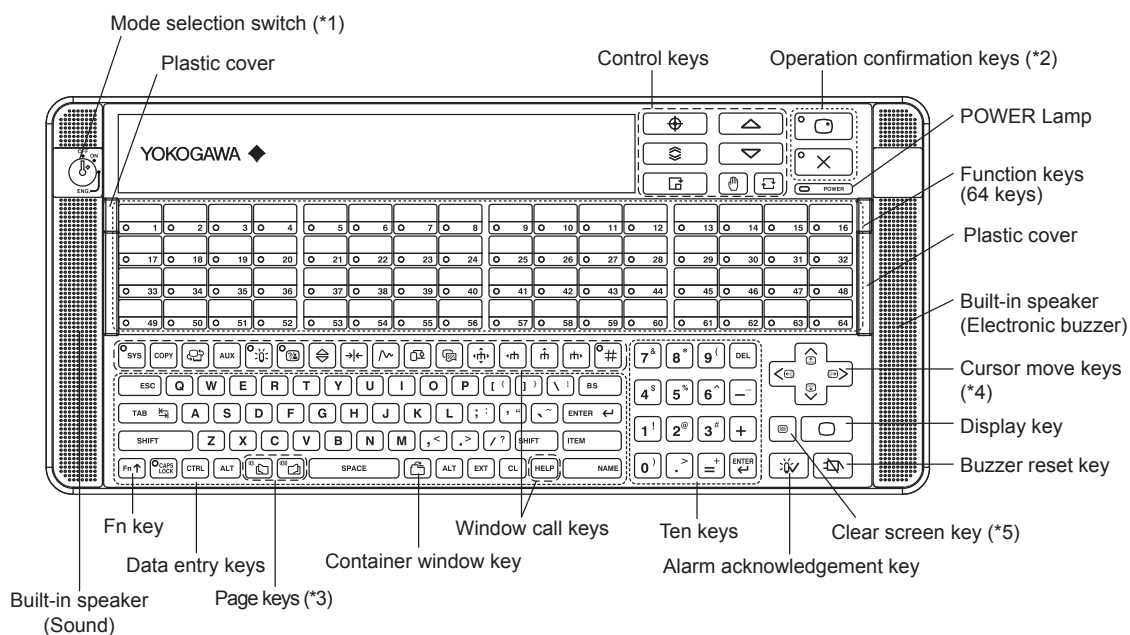
- Type: Flat keyboard (Sound Function: USB Speaker)
- PC Interface:
 - Interface Connector: USB A type x 2 (*1)
 - Conformable USB standard
 - Operation Keyboard Function : USB 2.0 (Full-speed, Bus-powered)
 - Sound Function : USB 1.1 (Full-speed, Bus-powered)
- Input Voltage: 5 V±5 % (Supplied from USB Port of PC)
- Maximum Consumption Current: 1 A
- Weight: Approx. 2.0kg (Without VESA Bracket), Approx. 2.5 kg (With VESA Bracket) (*2)
- Chassis Color: Black (Equivalent to Munsell No. N1.5)
- AIP830 belongs to IEC 61010-1 installation category Class I
(A device not directly connected with the main power supply).
- Operating Environment
 - Ambient temperature:
 - 5 to 40 °C (for normal operation)
 - 20 to 60 °C (in storage and transportation)
 - Ambient humidity:
 - 20 to 80 %RH (Non-condensing)

*1: Both connectors must always be connected directly to a computer.

*2: AIP830 with VESA Bracket must be mounted where it holds at least 10 kg of weight.

■ LAYOUT

The Operation Keyboard is composed of both alphanumeric keys and special operation keys. It also has special window call keys grouped by function and 64 user-definable function keys which are used for process control and plant monitoring.



*1: With or without "Mode selection switch" is selectable by the suffix code.

*2: Two types of operation confirmation key symbols are selectable by the suffix codes.

Type A:



Type B:



F04E.ai

*3: These keys also serve as "Volume control keys" when pressed simultaneously with Fn key.

*4: These keys also serve as "Scroll Keys" when pressed simultaneously with Fn key.

*5: Clear screen key becomes effective when pressed simultaneously with Fn key.
(Clear screen key is enabled without pressing Fn key by changing the hardware settings.)

Figure Operation Keyboard and Names of Parts

