

CWP H/S/P NEW PLC AND HMI

On older CWP units, the PLC (type FX2N-48) and HMI panel (E300/Gambro 2) are obsolete from the manufacturer and parts are no longer available for replacement. The succeeding HMI panel (E1032) has also been obsoleted by the manufacture with replacement parts available for a limited time. Therefore, a new touch screen HMI panel (X2 base 7) and software program were developed released, compatible with the existing PLC (type FX3U-48MR).

The FX3U-48MR/ES PLC and E1032 HMI were introduced in production from serial number 1000583 by Gambro. The X2 base 7 HMI was introduced into production from serial number 1393317. The current software versions are listed below.

Version	Applies	Change
RU0901V3	PLC (FX3U only)	Adds remote buzzer/indicator test to Ext. sign test.
CM2001V2	X2 base 7 HMI	Software for the new touch screen (X2 base 7) HMI. Designed to interface with FX3U PLC and software program RU0901V3.

Pictures for Identification

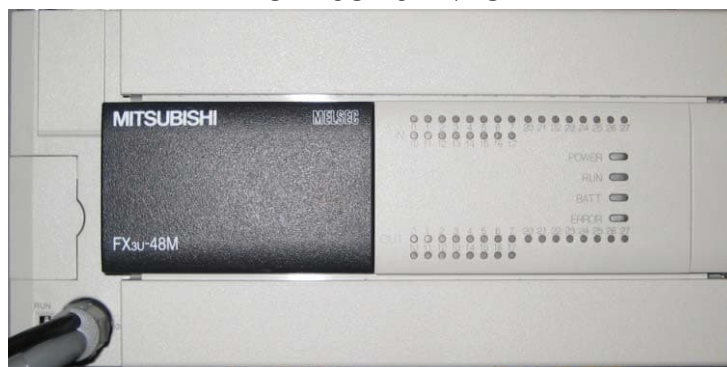
HMI panel X2 base 7 (touch screen)



HMI panel E1032



PLC FX3U-48MR/ES



Ordering Information

Qty	Part Number	Description
1	W3T572433	FLROM, for FX3U-48MR-ES PLC, RU0901V3 program installed (memory module only)
1	W3T572434	PLC, FX3U-48MR-ES pre-programmed (includes FLROM memory module 3029305)
1	W3T572459	HMI, X2 base 7 pre-programmed (CM2001V2 installed)
1	W3T578585 (101-102S) W3T578037 (101-102H) W3T578584 (104-106S) W3T578038 (104-106H)	HMI upgrade kits (when changing from E1032/E300/Gambro 2/MAC50 HMI to X2 base 7): <ul style="list-style-type: none"> • With pre-programmed HMI, serial cable, door & manual kit • Requires PLC type FX3U & software program RU0901V3
1	W2T913509	Communication cable, X2 base 7 HMI to FX3U PLC. Does NOT work with E1032/E300/MAC50 HMI
1	W2T913494	Power cable for X2 base 7/E1032/E300/Gambro 2/MAC50 HMI
1	W3T578705 (101-102H/S) W3T578704 (104-106H/S)	Replacement controller door kit (for X2 base 7 HMI)
1	W3T578587	CWP H Manual Kit for X2 base 7, includes: <ul style="list-style-type: none"> • Operators Guide – W3T574221 • Service Manual – W3T574220 • Installation Guide – W3T574219 • Startup Guide – W3T574218 • Electrical Schematic CWP H System – W3T574210 • Tech Notes – W3T575589 & W3T574190
1	W3T578586	CWP S Manual Kit for X2 base 7, includes: <ul style="list-style-type: none"> • Operators Guide – W3T574221 • Service Manual – W3T574220 • Installation Guide – W3T574219 • Startup Guide – W3T574218 • Electrical Schematic CWP S System – W3T574209 • Tech Notes – W3T575589 & W3T574190
1	**No Longer Available* *P/N 3029306	HMI, E1032 pre-programmed (RU0901V2)
1	W3T577961	Adapter panel kit (used to mount E1032 HMI in place of E300/Gambro 2 HMI)
1	W2T913411	E1032 HMI Replacement Battery (battery replacement not required for X2 base 7 HMI)
1	W3T578123	CWP H Manual Kit for E1032 HMI (includes Operators, Service, Schematics)
1	W3T578122	CWP S Manual Kit for E1032 HMI (includes Operators, Service, Schematics)
1	W3T578249 (101-102H/S) W3T578250 (104-106H/S)	Replacement controller door kit when changing from MAC50 to E1032 HMI
1	W3T579318	Communication cable, E300/Gambro 2/E1032 to FX2N & FX3U PLC. Does NOT work with MAC50 or X2 base 7 HMI
1	W3T577705	Software upgrade for E1032/FX3U-48MR to RU0901V2 & RU0901V3

Compatibility

- HMI panel type X2 base 7 (W3T572459) cannot be used with PLC type FX2N-48.
- HMI panel type E1032 (Refer to Tech Note 312) can be used with PLC type FX2N-48 if the PLC program is updated to RU0901V1. *This will not provide remote buzzer/indicator testing.
- PLC type FX3U-48MR cannot be used with HMI panel type E300/Gambro 2/MAC50.

Replacement

- A faulty HMI panel, type E1032, should be upgraded to X2 base 7 HMI (W3T572459) panel if:
 1. Inventory of E1032 HMI (P/N W900001065) are exhausted.
 2. CWP is equipped with PLC type FX3U-48MR and program RU0901V3.
 3. If upgrading to the X2 base 7, a new serial cable and controller door will be required. The upgrade kits listed on page 2 contain all required components to upgrade to the X2 base 7.
- Both the HMI and the PLC must be replaced if E300/Gambro 2/MAC50 panel fails.
 1. Use programmed PLC kit W3T572434 and appropriate X2 base 7 HMI upgrade kit.
 2. The replacement battery for the MAC50 HMI is no longer available. If the battery on a MAC50 system fails, an upgrade is required.
- A faulty PLC type FX2N-48MR can be replaced with a PLC type FX3U-48MR if the HMI panel is type E1032 or X2 base 7.
 1. The memory card (EEPROM) for the PLC type FX2N-48MR has been obsoleted by the manufacturer. If this EEPROM fails, the PLC must be upgraded to PLC type FX3U-48MR as described above.