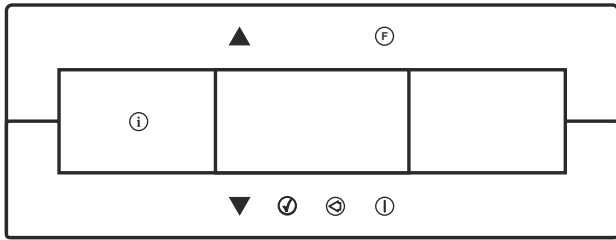


X Control/Basic Programming Guide (All Cabinet Freestanding Models Besides Those Starting with "PY"; All Cabinet Hardmount Models Besides Those Starting with "PA")



CFD2992P

Keypad Definitions
Entering the Manual Programming Mode
Exiting the Manual Programming Mode
Error Codes
Programmable Options

Keypad Definitions

1 Info	6 Start
2 Move up	7 Cancel the selection
3 Hidden navigation button Left	7 Confirm the selection (Enter)
4 Hidden navigation button Right	8 Move down
5 Function selection	

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Entering the Manual Programming Mode

1. Press the LEFT and FUNCTION SELECTION buttons at the same time.
2. Release the LEFT button and then, after one second, release the FUNCTION SELECTION button. The display shows Service Info.
3. Press the buttons LEFT and RIGHT at the same time. The display shows the main menu.
4. If the password has been activated, you will have to enter the correct password first.

Exiting the Manual Programming Mode

1. From the main menu screen, press the INFO button on the keypad to enter Run Mode. The program overview appears.

Error Codes

Display	Description	Cause/Action
E2	No Drain	Drain Failure; full stop + tumble
E3	Tilt Fault	Safety switch activated; full stop + tumble

Error Codes

Display	Description	Cause/Action
E4	Imbalance	Safety switch activated during transition from distribution into spin sequence; skip + continue
E5	Tilt High Spin	Safety switch activated at high revolutions; Full stop + safety time
E6	Door Switch	Door switch failure; Full stop + safety time
E7	Door Coil	Door lock switch failure; Full stop + safety time
EB8	Door Start	Door lock check at start failure; Don't start
E9	Door Unload	Door lock switch closed failure; Don't start
E11	No Fill	Fill failure; Full stop + request for Continue
E12	Overfill	Overfill failure; Full stop + tumble
E13	No Heating	Heating failure; Full stop + tumble
E14	Heat Time	Heating time failure; Full stop + request for continue
E15	Too Hot	Too hot; Full stop + tumble
E16	Coin blocking 1	Coin meter failure
E17	Coin blocking 2	Coin meter failure
E21	Overflow	Overflow failure; Full stop + tumble
E24	Level Sensor	Defective level sensor; Continue + Don't start
E25	Temp Sensor	Defective temperature sensor; Continue + Don't start
E26	Mitsub Code	Undefined frequency inverter error code; Full stop + tumble
E27	Comm fault	Communication fault inverter; Full stop + safety time
E28	ThT time / E.OL	ThT Time out; Full stop + safety time
E29	OV3 time / E.OP	OV3 time out / E.OP; Full stop + safety time
E31	Load Parr	Initialization fault frequency inverter; Don't start
E32	Verify Parr	Verification fault frequency inverter parameters; Don't start
E35	Wrong Softw	Wrong software version; Don't start
E36	Imbalance	Unbalance detection system activated; Reduction of spinning sequence revolutions. For info only
E37	No Drain Sp	Drain failure at the spray sequence; Full stop + tumble
E39	Out of Soap	The soap supplies are running out of soap; For info only
E41	Service Due	Service Due Warning; For info only; Open door = reset
E42	Connection	No Network Connection; For info only
E43	Voltage Par	Wrong Voltage Range Selection; Make correct selection
E44	Model Type	Incorrect selection of machine type; Make correct selection
E45	Speed sensor	The drum rotation sensor is not working; Full stop + tumble
EB0	Soap Time Out	Incorrect signal for liquid detergent dispensing; Full stop + tumble
E106	Calibration Error	Weighing system calibration error; The Ultrabalance weight system cannot be used
E107	Not Calibrated	The Ultrabalance weighing system was not calibrated before the first use; The Ultrabalance weighing system cannot be used
E300-353	Mits Err	Specific Mitsubishi Inverter Alarm; Full stop + safety time
E500-E525	Memory Err	Memory Error; Full stop + safety time
E560-563	USB Errors	Errors in communication with USB flash disk; For info only

Error Codes		
Display	Description	Cause/Action
E600- E62B	Softw. Err	Software Error; Full stop + safety time

Programmable Options			
Menu Item	Option Display	Default	Range
1. Programming Menu	Language	English	List
	Service Interval	3000	1-9999
	Buzzer Time	5 Sec	0-99
	Allow Advance	Yes	No/Yes
	Automatic Cooldown	No	No/Yes
	Wait for Temp	No	No/Yes
	Temperature Balance	No	No/Yes
	Motor On Time	12 Sec	1-99 Sec
	Motor Off Time	3 Sec	1-99 Sec
	Smart Motion	No	No/Yes
	Hot Water Heater Temp.	60°C	50-80°C
	Temp. Overshoot Prot.	00%	0-30%
	Max Heating Time	60 Min	10-90 Min
	Max Water Fill Time	10 Min	5-99 Min
	Overfill Detection	5 units	3-25 units
	External Wait Control	Off	No / Soap / Heating / Wait Time
	Prewash Soap Info	Yes	No/Yes
	Wash Liquid Soap Info	Yes	No/Yes
	Temp. Info	Yes	No/Yes
	Preset Program	0	0-15
	Direction selection 1	0	0-15
	Direct selection 2	0	0-15
	Eco mode	0 min	0-99

Programmable Options			
Menu Item	Option Display	Default	Range
2. Configuration Menu	Machine Type	FX65	List
	Reset Defaults	No	No/Yes
	Brightness Display	12	1-20
	Supply Voltage (Inverter Type)	n/a	List
	Load Param...	No	No/Yes
	Total No. of Inlets	2	2/3
	Drain Val. 1 Inverted	No	No/Yes
	Drain Valve 2	No	No/Yes
	Liquid Soap Supply	No	No/Yes
	Min. Level Start Supply	0 units	0 – Minimum progr. Level
	Temperature	Celsius	C / F
	Full Heating	1%	1-100%
	Wet Cleaning	No	No/Yes
	Wash Programs	EU	List of available washing sets
	Language	English	List
	Load programs	EU	List
	Communication Addr.	255	1-255
3. Advanced Menu	Strict Temp. Control	No	No/Yes
a. Hygienic Cycle Menu	Temp. Calib. Offset	0	-5/0/5
	Hygienic Water Level	No	No/Yes
b. Program Mode Lock Menu	Password...	None	0000-99999
	Edit Password...	N/A	N/A
c. Program Lock Menu	Password...	None	0000-99999
	Programs 1, 3-15	Unlocked	Unlocked/Locked
	Program 2	Locked	Unlocked/Locked
	Edit Password....	N/A	N/A
d. Weighing Menu	Weighing System	No	No/Ultra
	Weighing Enable Menu	N/A	N/A
	Calibration	N/A	N/A
	Weighing Counter	0	
	Reset Weighing Cnt	No	No/Yes
	Autom. Soap Adjust	No	No/Yes
	Weighing statistics...		No/Yes
	Servicing test value	N/A	N/A
e. Data Export/Import Menu	Programs Export	No	No/Yes
	Programs Import	No	No/Yes
	Conf. Import	No	No/Yes

Programmable Options			
Menu Item	Option Display	Default	Range
4. Payment Menu	Payment Mode	No	No/Coins/External/ Comm1/Comm2/ Card/ECB
	Decimal Point	0	0/1/2
	Coin	1	1/2
	Coin 1 Value	100	0-999
	Coin 1 Currency	€	List of currencies
	Coin 2 Value	100	0-999
	Coin 2 Currency	€	List of currencies
	Prog Prices 1-15	100	0-9999
	Prog Prices Prewash	0	0-9999
	Enable Special Price	No	No/Yes
	Price Programs 1-15	100	0-9999
	Special Price Prewash	0	0-9999
	Program Blocking Enable Pr1-15	Yes	No/Yes
	Optional Functions	No	No/Prewash/ Delicate/No Extraction/Rinsing/ Extraction
	Delayed Start	No	No/Yes
	Show Start Info	No	No/Yes
	Show Prog Nr	Number + temperature	No/Number/ Temperature/ Number + Temperature
	Show Prog Time	Yes	No/Yes
Show Soap Info	Yes	No/Yes	
Show Error Details	No	No/Yes	

NOTE: Refer to full Programming Manual for additional programming features.

Default Wash Programs
Wash Program 1: Hot Wash Intensive 194°F (90°C)
Wash Program 2: Warm Wash Intensive 140°F (60°C)
Wash Program 3: Colored Wash Intensive 104°F (40°C)
Wash Program 4: Bright Wash Intensive 86°F (30°C)
Wash Program 5: Woolens 59°F (15°C)
Wash Program 6: Hot Wash 194°F (90°C)
Wash Program 7: Warm Wash 140°F (60°C)
Wash Program 8: Colored Wash 104°F (40°C)
Wash Program 9: Bright Wash 86°F (30°C)
Wash Program 10: Eco Hot Wash 194°F (90°C)
Wash Program 11: Eco Warm Wash 140°F (60°C)
Wash Program 12: Eco Color Wash 104°F (40°C)
Wash Program 13: Eco Bright Wash 86°F (30°C)
Wash Program 14: Extraction - Low Speed
Wash Program 15: Extraction - High Speed

NOTE: Refer to full Programming Manual for detailed information about individual wash programs.