TFCM-1801
Programming Unit
USER MANUAL

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General Information

TFCM-801 programming module is developed to read and write the parameters of the terminal units such as TFP-12XX series addressable detector, input-output modules.

User friendly menu interface and controls provide easy to use.

Usage areas:

- Read existing addresses of the end units and change their addresses
- Read versions of end points.

Technical information

Battery Type   : 9V (6LR61)
Operating temperature   : -10°C / +50°C
Weight   : 95,2 gr (without battery)

DEVICE PROPERTIES

Battery Assembly

A 9V battery is required for operation of the programming module (provided with the product). The battery supplied for the first time must be installed correctly. Steps for installing the battery:

1)   Remove the battery case cover at the back of the box.
2)   Connect connector correctly
3)   Install in the battery socket
4)   Close the cover

After this, the programming module is available.

Teknim analog analogue addressable systems endpoints have a pair of 4-wire female to 8-pin connectors for control via the programming module. The data exchange of the endpoint is done via this connector.

Caution: Do not leave the endpoints plugged into the programming module, which will cause the battery to run out quickly.

Button	Function1 (Menu)	Function2 (in the submenu)	Additional function
Enter (Green) (**1**)	- Access sub-menu	- Confirm - Refresh the value on the screen	-
Back (Red) (**2**)	- Back to top menu	- Exit the menu	- Close programming module (long press) - Run the programming module
Up (Blue) (**3**)	- Show previous menu	- Increase count (during write operations) - Reset screen (during reading)	-
Down (Blue) (**4**)	- Show next menu	-Decrease count (during write operations)	-

Work

When the hand module is off, it is opened by pressing the BACK key.

To keep battery consumption at a low level, the programming module is turned off if there is no operation within 30 seconds during operation. During address writing, the last value written on the display is stored in memory to be displayed again when the hand module is turned on.

Address Processing

To change the address of the endpoint:
- Install the programming module properly.
- Press the BACK key to Turn on the programming module
- The display should show "1 ADDR"
- Press the ENTER key to switch to the sub-menu (you must type "**SET**" in the display)
- Press the **ENTER** key to switch to the sub-menu ("ADDR <last value>" should be displayed on the screen**)**
- Set the new address value with the **DOWN** or **UP** keys ("ADDR <desired value>" should be displayed on the screen)
- Press **ENTER** to start address writing ("SET" on the screen, it must be acknowledged again)
- Confirm the operation by pressing **ENTER** button again within 2 seconds (Write "WAIT" on the screen)
- When "WAIT" is changed, the result is indicated on the screen for 2 seconds. Meaning of the result screen:
  o "SET-OK": Address change succeeded
  o "FAULT": Address change failed
- After set address, the screen shows an incremented new address value.

To read the address of the endpoint:
- Install the programming module properly.
- Press the **BACK** key to Turn on the programming module
- The display should show "1 ADDR"
- Press the **ENTER** key to switch to the sub-menu (you must type "SET" in the display)
- Press the **DOWN** key to access the "GET" menu
- Press the **ENTER** key to switch to the sub-menu (you should type "ADDR ---" in the display)
- Press the **ENTER** key to read the address of the terminal ("ADDR <terminal address>" on the screen)
  o NOTE: The meaning of "ADDR ---" does not change with the terminal
- Press **ENTER** again to read the address value again.
- The **UP** key should be pressed to erase the read value from the screen.

Version Operations

To read the hardware and software version information of the endpoint:
- Install the programming module properly.
- Press the **BACK** key to Turn on the programming module
- Press the **DOWN** key to access the "1 VERS" menu
- Press the **ENTER** key to switch to the sub-menu (you should type "GET" on the screen)
- Press the **ENTER** key to switch to the sub-menu (you should type "VERS ---" on the screen)
- Press the **ENTER** key to read the address of the terminal ("V <version info>" on the screen)
  o NOTE: The meaning of "VERS ---" does not change with the terminal
- The **INPUT** key must be pressed again to read the version value.

- Press the **UP** key to delete the read value from the screen.

CONDITIONS

Do not energize the device above or below the given limits of extreme hot or cold conditions,

Temperature: Between   -10°C and +85°C

Relative Moisture: Non-condensing Between %0 and %95

SERVICE

Do not try to fix the device on your own. Removal of cover may end up with electricity shock.

In case of any defect or malfunction, contact with your dealer or with authorized service. All the technical interventions have to be done by technicians of company.

MALFUNCTIONS THAT REQUIRE TECHNICAL SERVICE

In case of any malfunction or below conditions contact with your authorized service,
- ✓ When Mains cable or the plug is harmed,
- ✓ Contact of device with a fluid,
- ✓ Exposure of rain and water,
- ✓ Fell down of device or harmed outer cover,
- ✓ Serious performance fall on the device,
- ✓ Depending on the instructions stated in manual, if your device not working properly, further usage or possible wrong usage may cause other malfunctions. Contact with your authorized service in such terms.

.MAINTENANCE ON YOUR OWN

Do not try to fix the device on your own. Removal of cover may end up with electricity shock.

In case of any defect or malfunction, contact with your dealer or with authorized service. All the technical interventions have to be done by technicians of company. Device must be cleaned up with a dry fabric. No-chemicals are allowed for cleaning

TRANSPORTATION

Device must be carefully transported avoiding all physical bump, stroke and possible fluid entry. Malfunctions that caused by improper transportation is not under warranty.

HUMAN AND NATURE CONDITION

This device contains no chemical or biological elements that could harm human condition

MANUFACTURER

Bilgi Elektronik San. ve Tic. A.Ş.
Dudullu Organize Sanayi Bölgesi 1. Cadde İsmet Tarman İş Merkezi No:1 Kat:2 No:32 Ümraniye / İstanbul / Türkiye

Telephone: +90 216 455 88 46 **Fax:** +90 216 455 99 06
sales@bilgielektronik.com.tr
support@bilgielektronik.com.tr

* 2012/19/EU (WEEE directive): Products marked with this symbol cannot be disposed of as unsorted municipal waste in the European Union. For proper recycling, return this product to your local supplier upon the purchase of equivalent new equipment, or dispose of it at designated collection points. For more information see: www.recyclethis.info.