

## MULTIFUNCTIONAL

The **FABEMA FMC-NL** and **FMC-X** are **multifunctional controller for traffic light systems** with up to **up to 64 signal groups and 448 signal lamps** for the implementation of simple to complex traffic engineering tasks in accordance with **DIN VDE 0832-100 to 500, TL-LSA 97, Rilsa, EN 12675, EN 12368 and NEN 3384**.

### PROPERTIES:

- ✓ Graphic programming software FABEMA® TrafficStudio for fully traffic-dependent programming. Data transfer to the controller without RS232 via a network interface (RJ 45) available on any commercial computer or using a USB cable/stick.
- ✓ 6.5" touch screen display with 640 x 480 pixel resolution and 24-bit colour depth for operating the signalling system as well as displaying and simulating the real site plans with signals permanently installed in the controller. Real-time recording, documentation and printing of processes and signalling states. Change of non-safety-relevant system parameters during ongoing operation.
- ✓ Storage of various construction phases in the controller (no time-consuming re-programming on site required).
- ✓ Operation of complex nodes with independent control of up to 4 sub-nodes.
- ✓ Source file output in text format, thus implementation of any traffic requirements down to BIT level.
- ✓ **Optional:** Option to coordinate with neighbouring signalling systems or central computers via GPRS or DCF. Synchronous time signal using an integrated antenna for GPRS, UMTS and LTE for wireless Internet connection for remote maintenance / remote control via secure VPN.



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ALWAYS ONE  
STEP AHEAD



MADE IN GERMANY

Radio-/cable-controlled traffic light system,  
EURO/COM type:

## ONE SINGLE DEVICE – MANY POSSIBILITIES

The basic version of the **radio-, cable- or quartz-controlled standard construction** site traffic light from FABEMA® is delivered with a hot-dip galvanized steel battery box and a battery connection plug-in system. The battery box, which can hold two batteries (12V-180AH), is lockable and is supplied with a drawbar. The control system is housed in a robust, splash-proof plastic box.

All signal heads with a diameter of 210mm are equipped as standard with **full-surface FUTURLED** technology as standard and achieves the highest phantom class and ensures the best visibility in unfavorably standing sun. The night setback results in additional energy savings. A **foldable post** for space-saving transport is available for an additional charge.

All systems can be connected to the public mains via a 230V/12V mains ballast, which is optionally available with a back-up battery. Different daily programs are, of course, possible.



Radio-/cable-controlled traffic light system,  
EURO/COM type:

## COMFORT WITH STYLE

The proven control technology of the EURO 2000/COMFORT product line finds a new home in the "KOMET" traffic light system.

The product design is thought through for everyday use and is convincing in everyday work. A modular system, which is easily dismantled and stackable and easy to use.

The **full-surface FUTURLED technology and the radar detector** are housed in the flat design of the set of traffic lights. An encircling stainless steel tube provides additional impact protection. The sophisticated product design offers the operator security with minimal maintenance.

The battery box made of impact-resistant plastic with integrated special wheels is elegant, practically designed and enables convenient battery replacement. The pull-out drawbar locks the box at the same time.



Mobile pedestrian crossing system,  
COM/FUG type:

## TO BE ON THE SAFE SIDE

COM/FUG is a **mobile pedestrian traffic light system** for 230V mains supply or 12V battery operation. It comprises two fully galvanised signal masts, each with two vehicle signal heads, one pedestrian signal head, the control unit and the pushbutton. All signal heads are equipped as standard with **full-surface FUTURLED technology** as standard and achieves the highest phantom class and ensures the best visibility in unfavorably standing sun.

The system is programmed via the control panel, which consists of a membrane keyboard and an LCD display. Warning information and error messages are output in plain text via the user-friendly menu system. Depending on the equipment, it is possible to operate the set of traffic lights in **cable and radio mode**. The traffic light system records the pedestrian signal request using special pushbuttons, which are largely tamper-proof thanks to their design. The system is optionally available with a counter and special request buttons.

