



SY Lady B

Vitters Shipyard

Photography: Rick Tomlinson

MPA Alarm and Monitoring System

A SLEEK, MODERN DESIGN - EASY TO OPERATE

The Tijssen Elektro MPA system is a very flexible Alarm, Monitoring and Control system. With all inputs from captains and engineers, the MPA program is continuously upgraded and improved. The latest upgrade of the MPA system is on software and hardware level. The functionalities of the MPA system do not have to be rediscovered. It's the same way of working, but with a new look and feel.

WHAT HAS BEEN CHANGED:

- The user interface is more contemporary but still recognizable for our users;
- Updated the minimum standard to a 17 inch touchscreen;
- Latest MPA controllers;
- New fire detection system;
- New IP PBX telephone system;
- RGBW LED control;
- Load management (heavy consumers);
- Power distribution panel monitoring.



more compact **more powerful**

The MPA Alarm and Monitoring system gives you access to on-board information about the yacht. A yacht shouldn't be without such a system, because it makes the life of captain and crew much easier. MPA makes it possible to closely monitor the yacht's performance, safety and control over almost all the electrical systems.

The components of the MPA system are spread throughout the yacht with two main areas: the main switchboard in the engine room / control room and at the dashboard in the wheelhouse. All these components are connected to a local network area (MPA network) but separated from the ships LAN network.

THE FOLLOWING COMPONENTS CAN BE MANAGED BY THE MPA SYSTEM:

Power management system (PMS)	Power distribution panel monitoring	Fire detection system
Load management (heavy consumers)	Engine room ventilation / cooling	Light management
Alarm monitoring system (AMS)	Bilge / Bilge valve system	IP Camera system
Battery system	Alarm SMS paging	Conning page
Tank sounding system	Duty on watch (UMS)	Doors and hatches monitoring
Pump Control	Main engine(s) monitoring	Intruder security system
Circuit breakers monitoring	Generator engine monitoring	MPA monitoring on tablet
Generator control	Shore converter monitoring	Engine exhaust system
Hydraulic system	Navigation lights	Active harmonic filter