

# DECKMA GmbH

Decksmaschinen und Automation Vertriebs GmbH

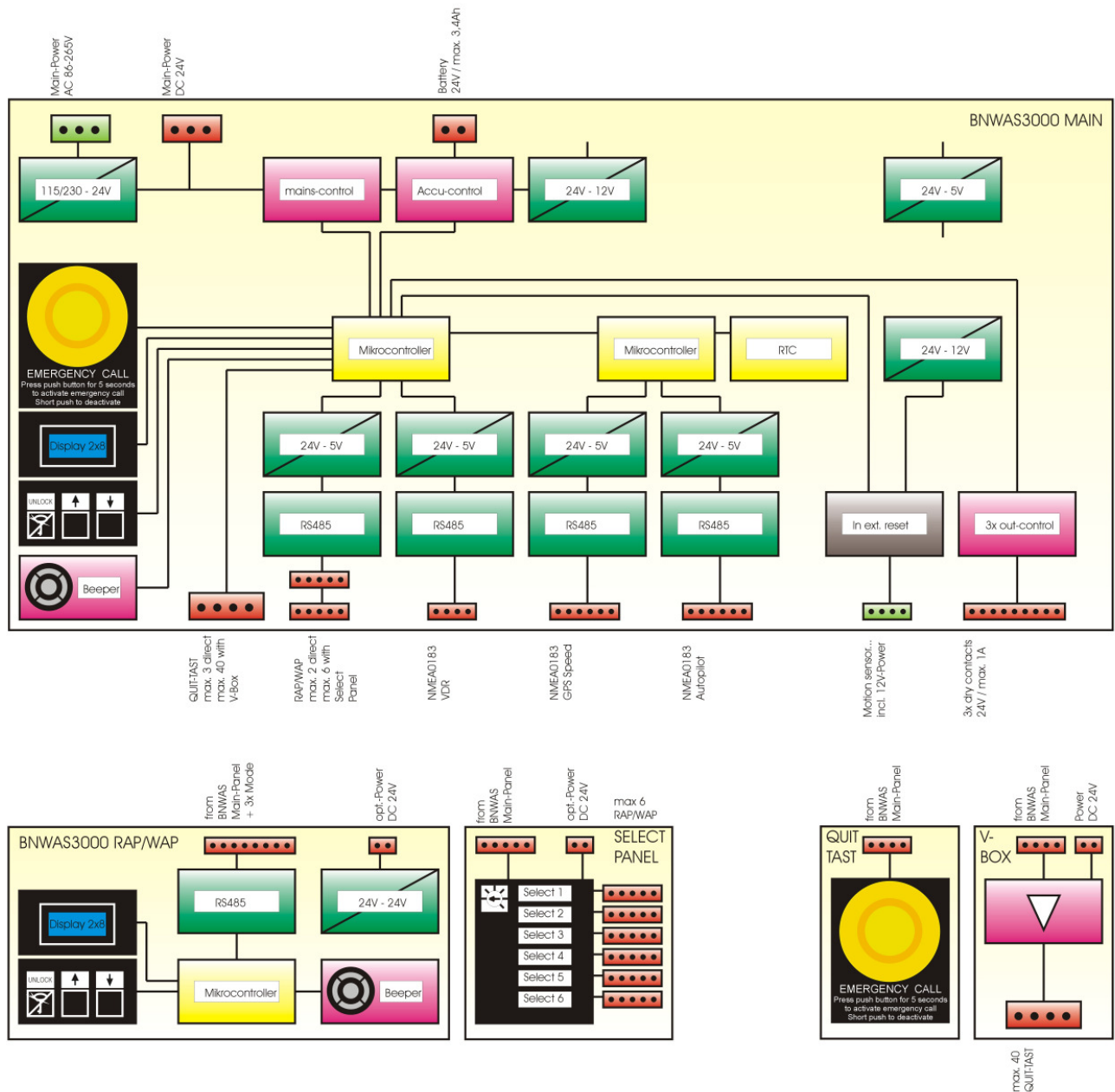
Fon: +49 (0)4105 - 65 60-0 · Fax: +49 (0)4105 - 65 60-25 · Web: [www.deckma-gmbh.de](http://www.deckma-gmbh.de) · E-Mail: [info@deckma-gmbh.de](mailto:info@deckma-gmbh.de)

Wach Alarm Automat / Watch Alarm Unit

**BNWAS 3000**



<b>Zulassung</b>	GL, LRoS entsprechend MSC 128(75), IEC 62616	<b>Approval</b>	GL, LRoS acc MSC 128(75) and IEC 62616
<b>Materialien</b>	Gehäuse aus Aluminium. Frontplatte schwarz, blendfrei. Beleuchteter Pilztaster. Dimmbare Beleuchtung.	<b>Materials</b>	Body of Aluminium. Front plate black (anti-glare). Illuminated mushroom button. Dimmable lighting.
<b>Montage</b>	Pulteinbau mit Halteklammern	<b>Mounting</b>	Recessed in console with mounting brackets
<b>Gewicht</b>	ca. 0,5kg (ohne Netzteil)	<b>Weight</b>	approx. 0.5kg (without power supply unit)
<b>Schutzart</b>	IP44 (bei Pulteinbau)	<b>Ingress Protection</b>	IP44 (mounted in console)
<b>Abmessungen</b>	64 x 136 x 150 mm (Gehäuse) 72 x 144 mm (Frontplatte) 66 x 138 mm (Ausschnittmaß)	<b>Dimensions</b>	64 x 136 x 150 mm (housing) 72 x 144 mm (Front plate) 66 x 138 mm (Panel cut out)
<b>Zeit bis Alarm</b>	Einstellbar 3-12 min	<b>Time to alarm</b>	Adjustable 3-12 min
<b>Anschluss</b>	Steckbare Klemmleiste	<b>Connection</b>	Pluggable terminal block
<b>Spannung</b>	24V DC, 115V AC, 230V AC 2.Versorgung über Batterie	<b>Voltage</b>	24V DC, 115V AC, 230V AC 2 <sup>nd</sup> supply from Battery
<b>Type</b>	<b>Merkmale</b>	<b>Features</b>	<b>Best. Nr. / Order No.</b>
BNWAS 3000	24V DC Pulteinbau	24V DC Recess mounting	



### Function of BNWAS 3000

The BNWAS 3000 will make sure that the navigation bridge will not operated unmanned or the officer on duty will not leave the navigation bridge longer as adjusted into the BNWAS 3000.

The officer on duty (OOW – Officer of the Watch) has to be reset the system into the adjusted time 3- 12 min.

This reset can be done either by pressing the reset button, moving detector or walking mattes on the floor.

If the system will be not reset into the adjusted time the system will send a alarm to the other crew members to sign a unmanned navigation bridge.

The watch alarm system BNWAS 3000 consisting of different modules which can be combined:

- The BNWAS 3000 Main panel are the master unit in one housing.
- All other external located sub units can be connected directly to the BNWAS 3000 Main panel in order to have a complete BNWAS system.
- In conjunction to the existing (WAS3000-)System the new requirement MSC128(75) and IEC 62616 will be add to this system that it is interchangeable with the existing unit and all components from the WAS 3000 can be used with the new BNWAS 3000.
- In order to secure the minimum back up time of 6 houres a external battery can be connected directly to this unit. This will be charged and monitored.

Components:

BNWAS 3000 MP01-E                      BNWAS 3000 Main-Panel

- Operating Panel with 2 line text display)
- Unlock-button
- UP-/DOWN-button
- Illuminated reset button
- Frontplate identical with WAS 3000
- Internal sounder
- Power supply 24V DC, 115V AC or 230V AC
- Back up supply from external battery including charging and monitoring
- Possible connection of external reset buttons
- Possible connection of external RAP-/WAP-Panels (via Select-Panel)
- Possible connection of external moving detectors, 12V supply will be provided
- 3 pot free outputs for other alarm systems
- 3 Isolate outputs NMEA0183
- 2 internal micro controller with watchdog function)
- 1st. Micro controller for display buttons and monitoring
- 2nd. Micro controller for connection of RTC and incoming data from auto-pilot and GPS data

BNWAS 3000 RAP01-E                      BNWAS 3000 RAP/WAP

- Operating Panel with 2 line text display)
- Unlock-button
- UP-/DOWN-button
- Illuminated reset button
- Supply from BNWAS 3000 main panel or external 24V DC
- Functional modus and address selectable by jumpers

BNWAS 3000 SEL01-E                      BNWAS 3000 SELECT

- Supply from BNWAS 3000 main Panel or external 24V DC
- Up to 6 BNWAS 3000 RAP01-E connectable