

Always ready to support you – Our strength is your benefit!

The MASTER[®] concept

The ship officers choice

Join the “MASTER” concept

Kockum Sonics has over the years worked with numerous solutions for the world's shipping industry. The main purpose has at all times been to offer the best package for the onboard end user. The aim has been to reduce turnaround time to a minimum as well as to raise the safety in cargo handling.

Today Kockum Sonics stands stronger than ever. We offer knowledge from the Kockum Shipyard era as well as leading edge skills from sailing masters. The combination has created an outstanding platform to supply a tailor made solution for Your needs. Most onboard tasks are solved within the Kockum Sonics' product range. If there are outstanding issues, our wide network of cooperating companies is consulted and a best of breed solution is picked. Your detailed needs and specification will be solved and delivered

Our strength is your benefit!



The “MASTER” product family for any ship

LOADMASTER® X5

Loading computer

The most common loading computer on the seven seas. There are no other makers that can compete with 9000 installations. Kockum Sonics delivers to any kind of floating object. The program is created, developed and maintained by Kockum Sonics strong R&D department. This department has experienced everything from hand calculations to today's 3D model based LOADMASTER program. Within the LOADMASTER program you will find an outstanding number of features that are made for your onboard crew. The program is equipped with all the reporting tools needed onboard and provides features like simulation and direct damage calculations in a simple and effective manner. To put it simple, LOADMASTER is the leading loading computer developed to meet the demands for flawless onboard operation for any type of ship, while at the same time meeting any requirements stipulated by the classification societies and the regulatory bodies.



Tanker



LNG/LPG



Bulk



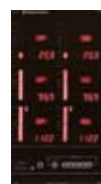
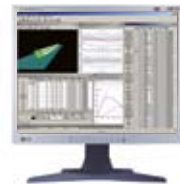
Ro/ro PCTC



Container



Offshore



SHIPMASTER®

Cargo & Ballast Automation

Cargo & Ballast Automation made with onboard operation in mind. Shipmaster is a monitoring and control system capable of handling pumps, valves, boilers, fans, power packs, tank cleaning and even cameras. Built on a solid state of the art SCADA system and standard components guaranteeing no fuss trouble free operation with global spare parts availability. The program can easily run on dual screens and integrate the LOADMASTER loading computer into one effective system. The system can be implemented as a web solution making the system available on any machine connected over the LAN. Kockum Sonics manages the source code in house and there are no tasks that we cannot solve. The flexibility of SHIPMASTER allows us to replace the old obsolete parts and retain the remaining serviceable parts. This means that investment can be kept to a minimum.

LEVELMASTER® H8

Electro pneumatic level gauging

Levelmaster H8 is the world's leading electro pneumatic level & draught gauging system. Innovations like pressure sensor multiplexing and static pressure measurements has given an unparalleled price performance no other rivalling competitor has been able to match. It is also a system well suited for retrofitting old pneumatic installations. The LEVELMASTER H8 has been delivered to replace old existing system whilst retaining the old piping installation. A very cost efficient way of upgrading the ship's level gauging system.

LEVELMASTER® Presentation

Presentation, integration & calibration

Levelmaster Presentation is a versatile integration, calibration and monitoring software platform. Apart from our own electro pneumatic system we can integrate any type of sensor: Radar, temperature, pressure, inclinometer, echo sounder or resistance tape. Analogue signals can be integrated via our well-tested converters.

LEVELMASTER® DU 350

Simple display

Levelmaster DU 350 is a level and volume display unit utilised when a full size presentation is unnecessary. Lean, robust and capable of displaying tanks as well as draughts including trim and heel.

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The “MASTER” concept, true integration

Below is a break down of all systems and equipment that can be handled by and integrated into the “MASTER” concept. Feel free to contact us there is no subsystem we will not be able to handle.

- Radar gauging system
- Temperature sensors
- Inclinometers
- Pressure sensors at manifold or pumps
- Valve control
- Hydraulic power pack PLC
- Steam pump control
- Booster pump control
- Ventilation fans
- Dampers
- Boiler automation
- Live camera surveillance
- Ramp/door indication
- Loading computer results
- Any other analogue or digital signal



The “MASTER” concept for You

Let Kockum Sonics take care of your automation needs. The MASTER concept gives you a full automation package from one source. Using Kockum Sonics' long experience in yard contacts you will have a reliable partner and secure the best and most cost effective delivery.

Take the opportunity to prolong your ship's lifetime without replacing the entire automation system. Use the MASTER concept to have an integrated modern solution at low cost. The MASTER concept uses the available installation as far as possible and replaces the parts that are obsolete or broken.

As owner or manager you are free to choose any maker that you have preference for. Kockum Sonics MASTER concept will integrate your preferred makers into one system. Over the years we have established an enormous contact network among the world's leading maritime vendors.

Kockum Sonics is well represented around the world with daughter companies as well as experienced agents. Most agents have been with the Kockum Sonics team for more than 10 years. Reliable sales and service staff are ready to answer your questions. Kockum Sonics products are also designed to be easily maintained and supported locally as well as remotely thereby drastically reducing the overall maintenance and service costs.

Other Kockum Sonics products:

TYFON®

From classic “honks” to complete acoustic systems, marine signalling for any type of ship and application.

SONIC CLEANING®

Kockum Sonics is the original manufacturer of cleaning by sound products. We provide both Audible and Infrasound emitters for boilers, catalysts and filters.

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