

The start of a
new era



Mastervolt introduces MasterBus

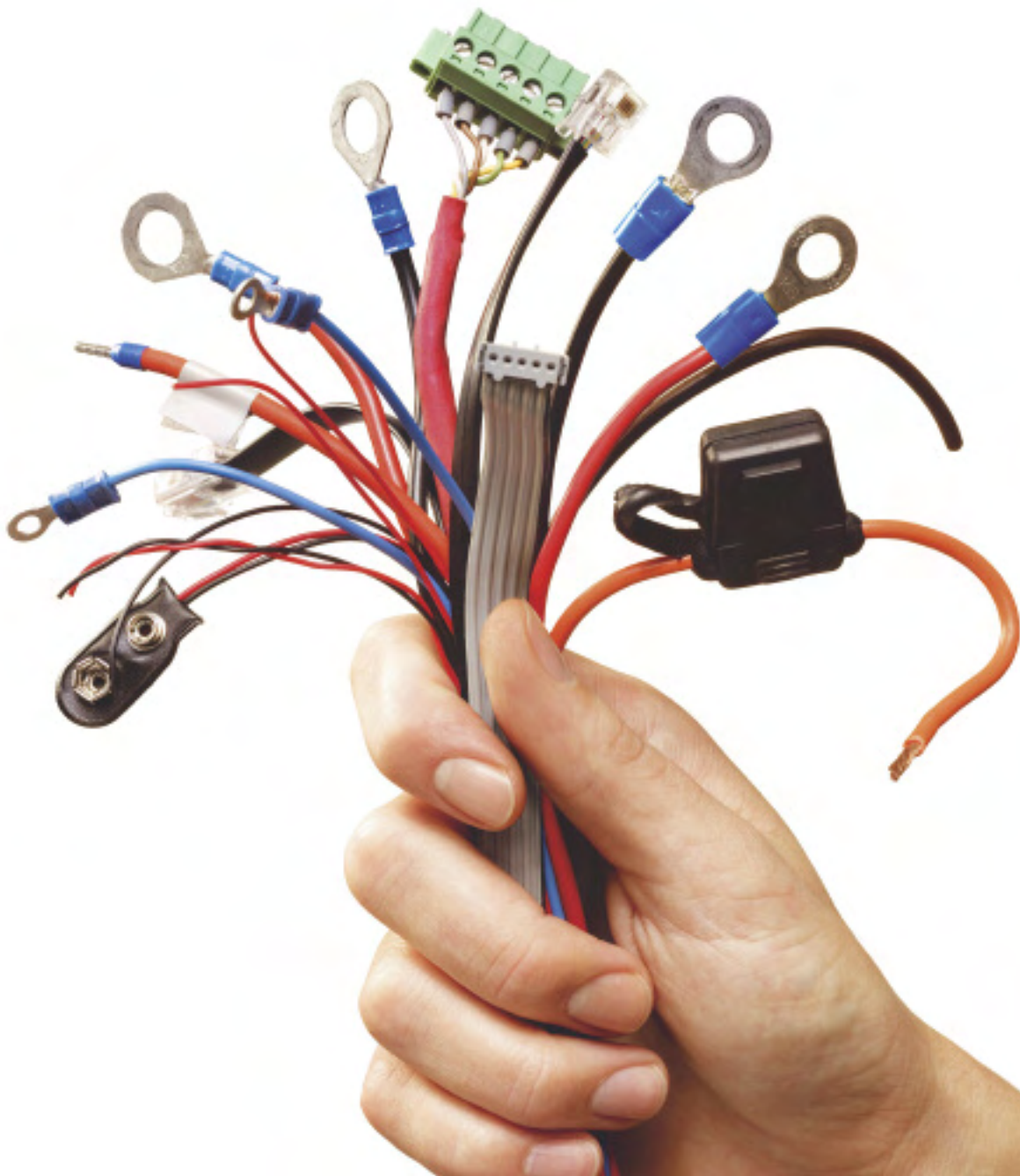
MasterBus makes life easier for designers, builders and installers of power systems. This brilliantly simple platform for communication and connections ensures that all components 'speak' the same language. One sort of cable. One type of connection. One communication protocol with high-speed CAN bus technology. From settings to controls, Digital Switching to monitoring and security, everything is easily operated using a panel or via your computer. Connections between components are made with a single MasterBus cable, which also provides energy for your interfaces and panels. In addition to saving you metres of cable, this solution is safer thanks to the guaranteed galvanic separation. A new era of efficiency has dawned for all those involved in creating power systems for mobile installations or luxury yachts.



An end to tangles

Equipment with its own features. Numerous different cables and plugs. Widely varying measurements. And – often locally thought-up – technical solutions to make sure everything works safely. For years, systems have been equipped with a tangle of cables and connections. The time had arrived for a fresh approach! As a leading and hugely experienced maritime power solution provider, Mastervolt has all the necessary know-how.

Our specialisation in power electronics, generators and all the components that make a good power system is second to none. Mastervolt has unravelled the tangle by introducing MasterBus. In this brochure, you will find a taste of what you can expect in the future, including a series of MasterBus products such as the MasterShunt and the ChargeMaster and MasterView operating panels.



MasterBus: the new communication standard

MasterBus is the new communication standard for Mastervolt products. More and more products will become MasterBus enabled. Plug and play installation not only increases flexibility and ease of installation, but also the ease of use. In this brochure we present you the first series of MasterBus enabled products:



MasterView Easy:

The new portal for your electrical systems.

MasterView Easy will become the standard multipurpose display for monitoring and operating Mastervolt products. The touch screen display allows users to monitor and configure any combination of Mastervolt products that is connected via MasterBus. The MasterView Classic display can be fitted in the MasterVision switching panels and offers comparable information.



MasterShunt: Battery monitor and system fuse

Ultra-modern battery monitor with all the intelligence needed for security and information services. All information for battery monitoring is available via MasterBus and the main fuse of 300A and trip alarm is built in. The integrated real-time clock provides a number of additional functions.



MasterBus-USB interface:

Connects a MasterBus system to a PC

The MasterBus-USB interface allows you to monitor, control and configure a MasterBus network from a Windows PC or laptop with an USB port. The galvanic isolation of the device secures safe operation in all situations. No drivers need to be installed. The required MasterAdjust PC software can be downloaded from www.mastervolt.com.



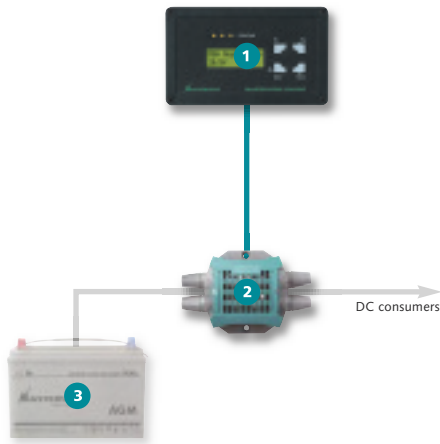
ChargeMaster: Charges three batteries

The new Mastervolt ChargeMaster range is monitored and operated via the MasterBus. The ChargeMaster has three outputs to assure you that – various - batteries can be charged safe, quick and complete. At home, on the road or at sea, and even with low shore power or limited supply.

Less is More!

- Less cables and wires
 - Less components
 - Less hassle with protocols
 - Less time lost during installation
 - Less maintenance problems
 - Less unnecessary power use
 - More space
 - More uniformity
 - More functions for monitoring and control
 - More configuration comfort
 - More safety
 - More reliability
 - More for less!
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MasterBus: in easy to install battery system



- 1 MasterView Classic display
- 2 MasterShunt
- 3 Battery

- Package offer including fuses and cables
- Easily expandable

The integrated system fuse in the MasterShunt helps to further reduce installation time. The MasterView Classic offers a displaying solution that can be a direct replacement for the Masterlink MICC and BTM-III in existing systems.

MasterBus: in systems with a battery charger



- 1 MasterView Easy
- 2 MasterShunt
- 3 ChargeMaster

Via the MasterView Easy both the ChargeMaster and MasterShunt can be monitored and operated. For battery temperature and voltage sensing the ChargeMaster will rely on the information provided by the MasterShunt, without the need to install additional cables. Accurate Ah information of the battery comes with it shown on the MasterView Easy panel as well as the ChargeMaster itself.

MasterBus: Extensive system controls



- 1 MasterView Easy
- 2 MasterShunt
- 3 DC Distribution module
- 4 Mass Combi charger/inverter
- 5 MasterBus-Serial interface

A Mass Combi can be connected to MasterBus via the MasterBus-Serial interface. The MasterView Easy can now operate the Mass Combi and other products like the MasterShunt and DC Distribution. Configuration as dedicated displays is possible even when more displays are added.

MasterBus: Extensive systems with laptop



- 1 MasterView Easy
- 2 MasterBus-USB interface
- 3 MasterShunt
- 4 DC Distribution module
- 5 Mass Systemswitch
- 6 Mass Battery Charger
- 7 MasterBus-Serial interface

Monitoring, configuration and data logging is possible with the MasterBus-USB interface. This plug and play device connects a single product or an extended MasterBus system to a PC.

MasterBus systems: Why settle for less?



MasterView Classic



MasterView Easy



MasterBus-USB interface



MasterBus-Serial interface

Article no.	77010100	77010300	77030100	77030400
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MasterShunt



DC-Distribution



ChargeMaster



Mass Systems switch

Article no.	77020100	77020200		
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Coming soon:



MasterDC Switch 500



MasterDC Switching



MasterView System

Article no.	77020300	77020400	77010400
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Mastervolt aims to make all its equipment compatible with MasterBus as soon as possible.

This is what you can expect:

- Extension of MasterView range with, among other things, colour displays
- Upgrades to Mastervolt equipment in the near future such as the Mass GI, Mass Combi, Whisper generators and Mass Battery chargers
- Integrated solution for Digital Switching, with module connecting power sources and users.
 - Soon all your equipment and users can be operated digitally and via remote control in one onboard system, without needing thick cables to switches. MasterBus only needs one cable
 - Interfaces to equipment of other suppliers

See www.mastervolt.com for detailed product specifications and information on availability.