

ON-BOARD CONTROL INTERFACE ICU403

ON-BOARD PASSENGER INFORMATION SYSTEM



FEATURES

- Logical, intuitive Operator guidance
- High resolution LCD Display with backlight
- Slide-in adapter for using an ISO 7736 radio slot (Add-on Product)



EASY USE FOR STANDARD OPERATION

The ICU 403 manages incoming protocols and controls for on-board electronic displays. The ICU features a graphic LCD display featuring controls for brightness and contrast for optimal viewing in various conditions and the operating software is available in various languages.

The layouts of the displays with texts, graphics and numbers are created on the PC using the editing software MIE and updated via the USB port on the front of the unit. When entering the data, the user receives feedback via an acoustic signal (beep).

Operators who are not dependent on IP certification and Ethernet, GPS and gateway connections will find the ICU 403 control unit an inexpensive, reliable and easy-to-use solution.

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TECHNICAL DATA

Order Information	
Gorba	07.01.83.00.381 2nd RS485 input 07.01.23.00.382 IBIS input
LTG Rastatt GmbH	L5812B IBIS input
LTG Sweden AB	CU430010-000 2nd RS485 input CU430020-000 BIS input CU430030-000 RS232 input CU430020-010 IBIS input, batch with MAN adapter cable
Display (Control Unit)	
Technology	LCD
Display Size	940 mm (W) X 347 mm (H) - viewing display area
Resolution	80 pixels x 240 pixels
Computer	
Processor	ARM Cortex M4
Memory	16MB FLASH
RAM	196k
Software	
Operating System	C application - Bare metal
Applications	MIE
Update	Via USB (Option: WiFi)
Electrical Properties	
Operating Voltage	12 VDC oder 24 VDC (9 - 32 VDC)
Power Consumption	2 W
Current Consumption	80mA (23mA in standby)
Interfaces	
24 VDC In	1 (Ilag)
WLAN	Add-on Product - WiFi 802.11 b/g/n
Digital In	Up to 2 (JAE)
IBIS Slave (VDV 300)	1 Ilag (option)
RS485	1 Ilag (standard), 2 (Add-on Product)
USB	1x
Audio Output	2 channel (line/mic) (Ilag 30)
Mechanical Properties	
Weight	130 g
Dimensions	67 mm x 131 mm x 27mm
Color	Black
Environment	
Operating Temperature	- 20°C to 70°C
MTBF	180'000 hrs
Standards	
DIN EN 50121-3-2	Compliant
ECE-R10	Compliant
ECE-R118	Compliant
Directive 2006/28/EC	Compliant
Directive 95/28/EC	Compliant
VDV-300	Compliant (option)

Disclaimer

Features and specifications are subject to change without notice. Properties relating to the Goods contained in this document do not constitute the product specifications but typical values for purposes of description only. February 2023

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Drawings	
2D Outline	CU4300x0_L5812B_07.01.03.01.381-382

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