

A background image showing a close-up of a circuit board with various components and traces. A large, dark blue, curved shape, resembling a stylized 'C' or a protective shield, is overlaid on the right side of the image.

BLUEPIRAT

Data Loggers and Software Solutions









Valid from: 01.06.2020

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DOCUMENTATION	PRODUCT FLYER	MANUAL	QUICK START GUIDE
	BLUEPIRAT Mini	BLUEPIRAT Mini	BLUEPIRAT Mini
	BLUEPIRAT 2	BLUEPIRAT 2	BLUEPIRAT 2
	BLUEPIRAT Remote	BLUEPIRAT Remote	
	Remote Control Touch	Remote Control Touch	Remote Control Touch
		System Client	
	System Link		
	Live View		
	Download Terminal		

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BLUEPIRAT Mini

DATA LOGGERS
HARNESSES
ACCESOIRES
LICENSES

MANUAL
PRODUCT FLYER



BLUEPIRAT Mini CAN



Description

BLUEPIRAT Mini 8CAN

incl. Firmware Care (12 months)

Harness (optional):
BLUEPIRAT Mini CAN harness

Interfaces:
8x CAN-HS, 1x CAN-LS, 2x LIN, 4x Ethernet,
2x Broad-R-Reach®, 1x USB 2.0 Device/Host,
3x Analog/Digital IN, 2x Digital OUT, 5x Serial RS232

https://sc.telemotive.de/4/uploads/media/blue_PiraT_Mini_UserManual.pdf

P/N

10002186

91000193

10001112

BLUEPIRAT Mini 4CAN FD



Description

BLUEPIRAT Mini 4CAN FD

incl. Firmware Care (12 months)

Harness (optional):
BLUEPIRAT Mini 4 CAN-FD harness

Interfaces:
4x CAN-HS (via CAN-FD), 4x CAN-FD, 1x CAN-LS, 4x Ethernet,
2x Broad-R-Reach®, 1x USB 2.0 Device/Host,
3x Analog/Digital IN, 2x Digital OUT, 1x Serial RS232

https://sc.telemotive.de/4/uploads/media/blue_PiraT_Mini_UserManual.pdf

P/N

10002232

91000193

10001290

BLUEPIRAT Mini 8LIN



Description

BLUEPIRAT Mini 8LIN

incl. Firmware Care (12 months)

Harness (optional):

BLUEPIRAT Mini 8LIN harness

Interfaces:

2x CAN-HS, 1x CAN-LS, 8x LIN, 4x Ethernet,
1x USB 2.0 Device/Host, 3x Analog/Digital IN,
2x Digital OUT, 5x Serial RS232

https://sc.telemotive.de/4/uploads/media/blue_PiraT_Mini_UserManual.pdf

P/N

10001814

91000193

10001125

BLUEPIRAT Mini 20LIN



Description

BLUEPIRAT Mini 20LIN

incl. Firmware Care (12 months)

Harness (optional):

BP Mini 20LIN harness V1.1

Interfaces:

1x CAN-HS, 1x CAN-LS, 20x LIN, 4x Ethernet,
1x USB 2.0 Device/Host, 3x Analog/Digital IN,
2x Digital OUT, 1x Serial RS232

https://sc.telemotive.de/4/uploads/media/blue_PiraT_Mini_UserManual.pdf

P/N

10002231

91000193

10001362

BLUEPIRAT Mini MOST150



Description

BLUEPIRAT Mini MOST150

incl. Firmware Care (12 months)

Harness (optional):

BP Mini MOST harness

Interfaces:

2x CAN-HS, 1x CAN-LS (via CAN-HS#2), 4x Ethernet,
1x MOST150, 1x USB 2.0 Device/Host, 3x Analog/Digital IN,
4x Serial RS232, 1x ECL (via RS232)

https://sc.telemotive.de/4/uploads/media/blue_PiraT_Mini_UserManual.pdf

P/N

10001920

91000193

10001121

BLUEPIRAT Mini MOST150 cPhy sim

Description

P/N



BLUEPIRAT Mini MOST150 cPhy sim

10001207

incl. Firmware Care (12 months)

91000193

Harness (optional):
BP Mini MOST harness

10001121

Interfaces:
2x CAN-HS, 1x CAN-LS (via CAN-HS#2), 4x Ethernet,
1x MOST150 (cPhy Simplex), 1x USB 2.0 Device/Host,
3x Analog/Digital IN, 4x Serial RS232, 1x ECL (via RS232)

https://sc.telemotive.de/4/uploads/media/blue_PiraT_Mini_UserManual.pdf

BLUEPIRAT Mini MOST150 cPhy dup

Description

P/N



BLUEPIRAT Mini MOST150 cPhy dup

10002237

incl. Firmware Care (12 months)

91000193

Harness (optional):
BP Mini MOST harness

10001121

Interfaces:
2x CAN-HS, 1x CAN-LS (via CAN-HS#2), 4x Ethernet,
1x MOST150 (cPhy Duplex), 1x USB 2.0 Device/Host,
3x Analog/Digital IN, 4x Serial RS232, 1x ECL (via RS232)

https://sc.telemotive.de/4/uploads/media/blue_PiraT_Mini_UserManual.pdf

BLUEPIRAT Mini FlexRay

Description

P/N



BLUEPIRAT Mini FlexRay

10002234

incl. Firmware Care (12 months)

91000193

Harness (optional):
BP Mini FlexRay harness

10001120

Interfaces:
4x CAN-HS, 1x CAN-LS, 2x LIN, 4x Ethernet,
2x FlexRay, 1x USB 2.0 Device/Host, 3x Analog/Digital IN,
2x Digital OUT, 5x Serial RS232

https://sc.telemotive.de/4/uploads/media/blue_PiraT_Mini_UserManual.pdf

BLUEPIRAT Mini CAN harness

Description

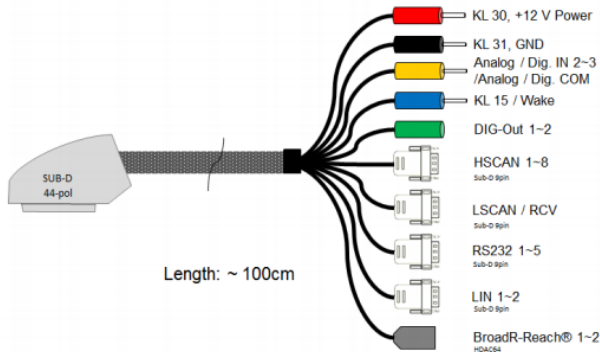
P/N

BLUEPIRAT Mini CAN harness

10001112

Required cable set for BLUEPIRAT Mini - 8CAN data logger.
The cable connects to the multi-function connector of the data logger and splits up its lines to separate connectors (see drawing).

Length approx. 100 cm



BLUEPIRAT Mini 4 CAN-FD harness

Description

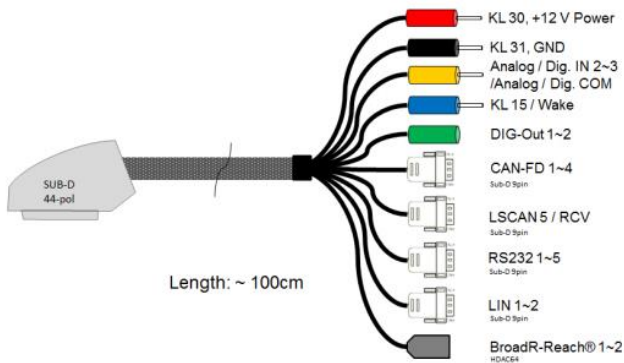
P/N

BLUEPIRAT Mini 4 CAN-FD harness

10001290

Required cable set for BLUEPIRAT Mini - 4CAN-FD data logger.
The cable connects to the multi-function connector of the data logger and splits up its lines to separate connectors (see drawing).

Length approx. 100 cm



BLUEPIRAT Mini 8LIN harness

Description

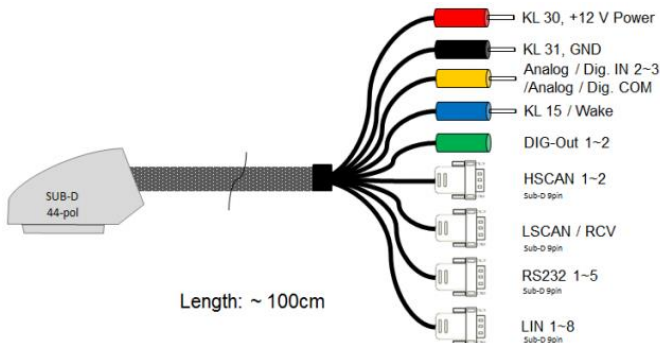
P/N

BLUEPIRAT Mini 8LIN harness

10001125

Required cable set for BLUEPIRAT Mini - 8LIN data logger.
The cable connects to the multi-function connector of the data logger and splits up its lines to separate connectors (see drawing).

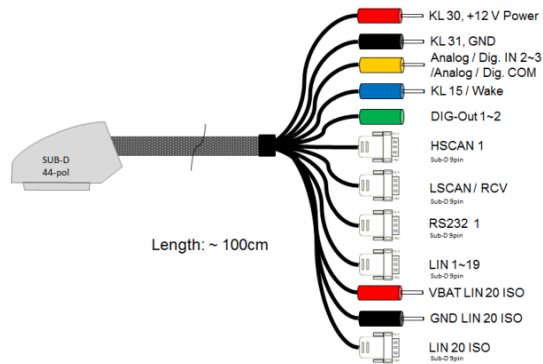
Length approx. 100 cm



BP Mini 20LIN harness V1.1

Description

P/N



BP Mini 20LIN harness V1.1

10001362

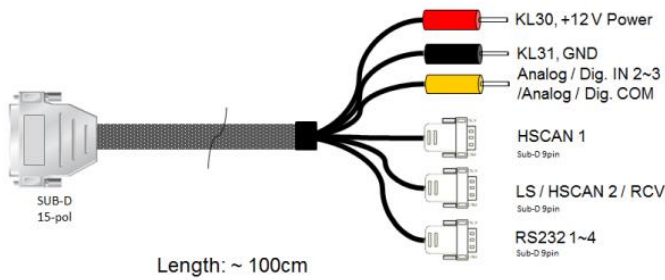
Required cable set for BLUEPIRAT Mini - 20LIN data logger. The cable connects to the multi-function connector of the data logger and splits up its lines to separate connectors (see drawing).

Length approx. 100 cm

BP Mini MOST harness

Description

P/N



BP Mini MOST harness

10001121

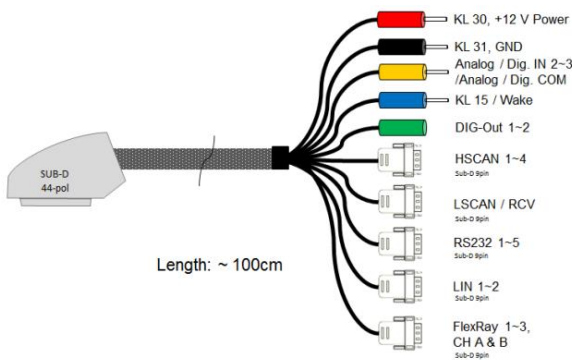
Required cable set for BLUEPIRAT Mini - MOST150 data logger. The cable connects to the multi-function connector of the data logger and splits up its lines to separate connectors (see drawing)

Length approx. 100 cm

BP Mini FlexRay harness

Description

P/N



BP Mini FlexRay harness

10001120

Required cable set for BLUEPIRAT Mini FleyRay data logger. The cable connects to the multi-function connector of the data logger and splits up its lines to separate connectors (see drawing)

Length approx. 100 cm

Connector Set BP Mini CAN, LIN, FR

Description

P/N

Connector Set BP Mini CAN, LIN, FR

10001271



At BLUEPIRAT Mini 8CAN/8LIN/FlexRay this connector has these functions, depending on the logger model:

Power supply (KL 30 and KL 15), Clamp 15 (KL 15), LIN (LIN)
High Speed CAN (HS-CAN), FlexRay (FR x Ch A/Ch B)
Low Speed CAN/Remote Control (LS-CAN), Serial (RS232)
Analog-Digital IN (ANA IN/ANA COM), Digital OUT (DIG OUT)
Broad-R-Reach® (BRR)

Connector Combi BP Mini Most

Description

P/N

Connector Combi BP MINI Most

10001272



At BLUEPIRAT Mini MOST150 this connector has these functions:

Power supply (KL 30 and KL 31)
High Speed CAN (HS-CAN)
Low Speed CAN/Remote Control (LS-CAN)
Serial (RS232)
Analog-Digital IN (ANA IN/ANA COM)
Digital OUT (DIG OUT)

SET BP Mini enhancement WI-FI AC

Description

P/N

SET BP Mini enhancement WI-FI AC

91000148

incl. License, Wi-Fi USB stick, USB adapter, firmware add-on, configuration add-on in the client







The following functions are available via Wi-Fi:


- Configuration
- Data download
- Firmware update
- Display of signals via Telemotive Live View

WLAN support of:

(802.11, 802.11a, 802.11n), (802.11ac starting FW 02.04.01)

SET BP Mini enhancement GPS	Description	P/N
 	SET BP Mini enhancement GPS	91000145
	incl. license + GPS USB module + USB adapter	
	Tracking of GPS data.	
	Length approx. 150cm	

SET BP MINI license Wi-Fi & GPS (Bundle)	Description	P/N
 	SET BP MINI license Wi-Fi & GPS (Bundle)	91000201
	incl. USB-Hub	
	<u>Bundle of:</u> <ul style="list-style-type: none"> ▪ Wi-Fi for BLUEPIRAT Mini ▪ GPS for BLUEPIRAT Mini 	

BLUEPIRAT Mini mounting kit	Description	P/N
	BLUEPIRAT Mini mounting kit	10001082
	<p>Mounting bracket in matching color for the BLUEPIRAT Mini.</p> <p>The base plate of the bracket is installed in the car using screws or cable ties. Logger itself is held in place by the cover, which is secured using knurled screws.</p>	
	The picture shows the mounting kit in combination with a datalogger.	

Firmware Care

Description

P/N

Firmware Care (12 months)**91000193**

Firmware Care (24 months)

91000194**LICENSES**

Magna Telemotive GmbH

Firmware Care for BLUEPIRAT Mini includes:

- Firmware updates
- Complex Triggers (91000093)
- Remote Control Monitor (91000098)
- Signal based filters (91000094)
- Autosar DLT Diagnostic Log&Trace (91000085)
- Automotive ETH/Broad-R-Reach®/OABR/100Base-T1 (91000077)

Camera- / Video Recording

Description

P/N

Camera- / Video Recording**91000120****LICENSES**

Magna Telemotive GmbH

Video recording via video server or network cameras.
 With the camera license it is possible to connect up to four Ethernet webcams to the BLUEPIRAT Mini. After connecting the BLUEPIRAT Mini is able to log MPEG4 video streams.

CCP (CAN Calibration Protocol)

Description

P/N

CCP (CAN Calibration Protocol)**91000079****LICENSES**

Magna Telemotive GmbH

Measurements with CAN Calibration Protocol.

XCP via CAN / ETH

Description

P/N

XCP via CAN / ETH (Extended Calibration Protocol)**91000123****LICENSES**

Magna Telemotive GmbH

Measurements with XCP. Available for Ethernet (XCP on Ethernet) and the CAN-bus (XCP on CAN).

MOST150 streaming channel recording

Description

P/N

MOST150 streaming channel recording**91000095****LICENSES**

Magna Telemotive GmbH

Logging of MOST150 synchronous/isochronous data.

Download Terminal

Description

P/N

Download Terminal (within System Client)**91000100**

The Download Terminal allows the automatization of nearly all processes which had to be done by hand for every device before. By assigning devices to groups you can define, which steps had to be performed for which group of devices, when the client identifies a device. The whole workflow, from updating the firmware or configuration up to download and conversion of the files can be defined and will be done for these devices later without any interaction of users.

Mobile network services

Description

P/N

Mobile network services
91000205
LICENSES

Magna Telemotive GmbH

Current supported UMTS sticks:
4G Systems | XS Stick P14

Current supported mobile networks:
Vodafone

Performance Extension

Description

P/N

Performance Extension
91000113
LICENSES

Magna Telemotive GmbH

Telemotive Performance Extension Increasing the logging rate for Ethernet data up to 100Mbit/s.

QXDM Logging

Description

P/N

QXDM Logging
91000097
LICENSES

Magna Telemotive GmbH

Logging of QXDM data.

Complex Triggers

Description

P/N

Complex Triggers**91000093**

standard feature Firmware Care (>=FW3.1.2.)

LICENSES

Magna Telemotive GmbH

The Complex event offers the possibility to combine different single events with logical expressions to one event. One complex trigger can start only one Action. Different complex events can be configured to realize different actions.

Remote Control Monitor

Description

P/N

Remote Control Monitor**91000098**

standard feature Firmware Care (>=FW3.1.2.)

LICENSES

Magna Telemotive GmbH

With the Remote Control Monitor feature it is possible to display current values of selected signals immediately on the remote control unit.

Signal based filters

Description

P/N

Signal based filters (CAN, LIN, FlexRay, Analog, Digital)**91000094**

standard feature Firmware Care (>=FW3.1.2.)

LICENSES

Magna Telemotive GmbH

Allows an automatic filtering of a part of the recorded data, to reduce the amount of data. The user can create freely configurable filter rules through the Telemotive System Client.

Autosar DLT Diagnostic Log&Trace

Description

P/N

Autosar DLT Diagnostic Log&Trace**91000085**

standard feature Firmware Care (>=FW3.2.1.)

With the DLT license it is possible to connect up to 16 ECU for logging their DLT messages.

LICENSES

Magna Telemotive GmbH

Automotive ETH/Broad-R-Reach®/100Base-T1

Description

P/N

Automotive ETH/Broad-R-Reach®/OABR/100Base-T1**91000077**

standard feature Firmware Care (>=FW3.2.1.)

Broad-R-Reach® is an Ethernet based standard, which allows multiple components of the electrical system of a vehicle to get access to information by using unshielded twisted pair wires simultaneously.

The BLUEPIRAT Mini CAN allows to disable the rear Ethernet ports ETH #3 and ETH #4 and activate the connectors KFZ BRR 1 and KFZ BRR 2 at the harness to be used for Broad-R-Reach®.

LICENSES

Magna Telemotive GmbH

BLUEPIRAT 2

DATA LOGGERS
HARNESSES
ACCESOIRES
LICENSES

MANUAL
PRODUCT FLYER



BLUEPIRAT 2 - 150M5E14C 320 HDD



Description

BLUEPIRAT 2 – 150M5E14C 320 HDD

incl. BLUEPIRAT 2 harness Power V1.0.A.0
incl. Firmware Care (12 months)

Harness (optional):

BLUEPIRAT 2 harness CAN+LIN
BLUEPIRAT 2 harness RS232+Analog/Digital
BLUEPIRAT 2 harness FlexRay for 150M5E14C
BLUEPIRAT 2 harness Analog/Digital + ECL

Interfaces:

1x MOST150, 12x CAN-HS, 2x CAN-LS, 1x ECL, 6x Serial RS232,
8x LIN, 2x FleyRay (a/b), 5x Ethernet Logging/Network (1GBits/s IF),
10x Analog-IN, 5x Digital-IN, 3x Digital-OUT

https://sc.telemotive.de/4/uploads/media/blue_PiraT2_UserManual.pdf

P/N

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91000197

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10000970

BLUEPIRAT 2 - 5E MOST150 cPhy(D)



Description

BLUEPIRAT 2 - 150M5E14C cPhy(D)

incl. BLUEPIRAT 2 harness Power V1.0.A.0
incl. Firmware Care (12 months)

Harness (optional):

BLUEPIRAT 2 harness CAN+LIN
BLUEPIRAT 2 harness RS232+Analog/Digital
BLUEPIRAT 2 harness FlexRay for 150M5E14C
BLUEPIRAT 2 harness Analog/Digital + ECL

Interfaces:

1x MOST150 cPhy Duplex, 12x CAN-HS, 2x CAN-LS, 1x ECL,
8x LIN, 2x FleyRay (a/b), 5x Ethernet Logging/Network (1GBits/s IF),
6x Serial RS232, 10x Analog-IN, 5x Digital-IN, 3x Digital-OUT

https://sc.telemotive.de/4/uploads/media/blue_PiraT2_UserManual.pdf

P/N

10001893

10001092

91000197

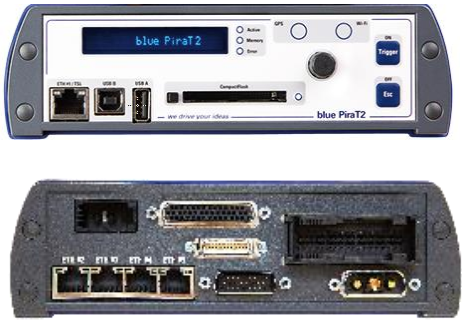
10000968

10000969

10000971

10000970

BLUEPIRAT 2 - 25M5E24C 320 HDD



Description

BLUEPIRAT 2 -25M5E24C 320 HDD

incl. BLUEPIRAT 2 harness Power V1.0.A.0
incl. Firmware Care (12 months)

P/N

10001892

10001893
91000197

Harness (optional):

BLUEPIRAT 2 harness CAN + LIN
BLUEPIRAT 2 harness RS232 + Analog/Digital
BLUEPIRAT 2 harness FlexRay + CAN for 25M5E24C
BLUEPIRAT 2 harness Analog/Digital + ECL

10000968
10000969
10000971
10000970

Interfaces:

1x MOST25, 22x CAN-HS, 2x CAN-LS, 1x ECL, 6x Serial RS232,
8x LIN, 2x FlexRay (a/b), 5x Ethernet Logging/Network (1GBits/s IF),
10x Analog-IN, 5x Digital-IN, 3x Digital-OUT

https://sc.telemotive.de/4/uploads/media/blue_PiraT2_UserManual.pdf

BLUEPIRAT 2 - 14C5E6S 320 HDD



Description

BLUEPIRAT 2 -14C5E6S 320 HDD

incl. BLUEPIRAT 2 harness Power
incl. Firmware Care (12 months)

P/N

10001169

10001893
91000197

Harness (optional):

BLUEPIRAT 2 harness CAN+LIN
BLUEPIRAT 2 harness RS232 + Analog/Digital

10000968
10000969

Interfaces:

12x CAN-HS, 2x CAN-LS, 6x Serial RS232,
8x LIN, 5x Ethernet Logging/Network (1GBits/s IF),
2x Analog-IN, 5x Digital-IN, 3x Digital-OUT

https://sc.telemotive.de/4/uploads/media/blue_PiraT2_UserManual.pdf

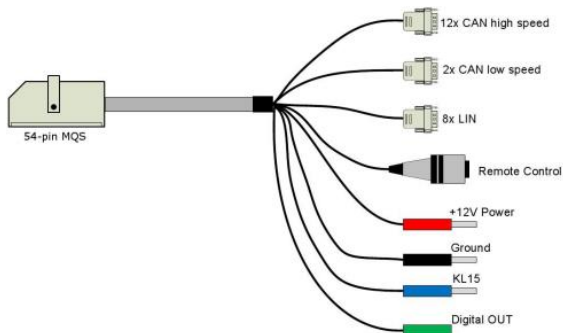
BLUEPIRAT 2 harness power, CAN, LIN

Description

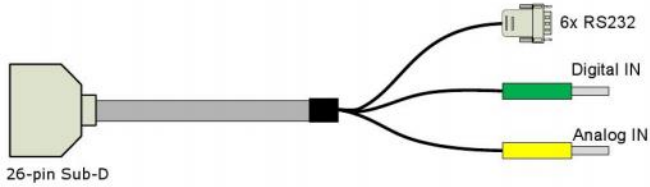
BLUEPIRAT 2 harness power, CAN, LIN

P/N

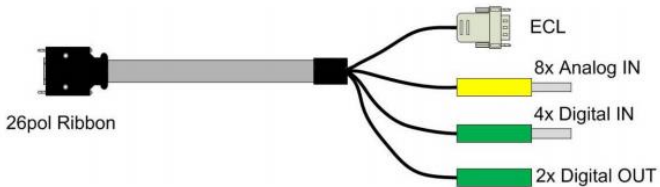
10000968



The cable connects to the multi-function connector of the data logger and splits up its lines to separate connectors (see drawing).

BLUEPIRAT 2 harness serial (RS232)
Description
P/N
BLUEPIRAT 2 harness serial (RS232)
10000969


Adapter cables for 6x RS232, one digital IN and one analog IN.

BP2 harness ADC-ECL
Description
P/N
BP2 harness ADC-ECL
10000970


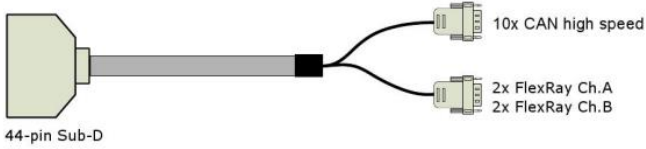
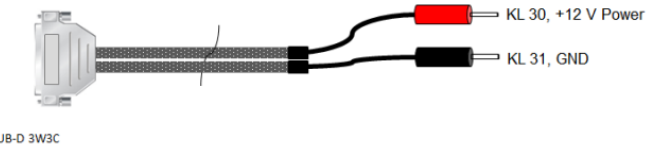

Adapter cables for ECL, 4x digital IN, 8x analog IN and 2x digital OUT.

Only available for:
 BLUEPIRAT 2 150M14C8LFR/150M5E14C
 BLUEPIRAT 2 25M24C8LFR/25M5E24C

BP2 harness FlexRay (150M)
Description
P/N
BP2 harness FlexRay (150M)
10000971


Adapter cables for FlexRay.

Only available for:
 BLUEPIRAT 2 150M14C8LFR/150M5E14C

BP2 harness FlexRay (25M)	Description	P/N
 <p>44-pin Sub-D</p> <p>10x CAN high speed</p> <p>2x FlexRay Ch.A 2x FlexRay Ch.B</p> <p>Adapter cables for 10x High Speed CAN and FlexRay.</p> <p>Only available for: BLUEPIRAT 2 25M24C8LFR/25M5E24C</p>	<p>BP2 harness FlexRay (25M)</p>	<p>10001022</p>
BLUEPIRAT 2 harness Power V1.0.A.0	Description	P/N
 <p>SUB-D 3W3C</p> <p>KL 30, +12 V Power</p> <p>KL 31, GND</p> <p>Power cable for BLUEPIRAT 2 5E.</p> <p>Length approx. 105 cm</p>	<p>BLUEPIRAT 2 harness Power V1.0.A.0</p>	<p>10001092</p>
SET enhancement BP2 Wi-Fi	Description	P/N
	<p>SET enhancement BP2 Wi-Fi</p> <p>incl. License, Wi-Fi USB stick, USB adapter, firmware add-on, configuration add-on in the client</p> <p><u>The following functions are available via Wi-Fi:</u></p> <ul style="list-style-type: none"> ▪ Configuration ▪ Data download ▪ Firmware update ▪ Display of signals via Telemotive Live View <p><u>WLAN support of:</u> (802.11, 802.11a, 802.11n), (802.11ac starting FW 02.04.01)</p>	<p>91000168</p>

SET BLUEPIRAT 2 enhancement for GPS

BLUE

P/N

**SET BLUEPIRAT 2 enhancement for GPS**

incl. license + GPS USB module + USB adapter

91000138

Tracking of GPS data (in the moment BLUEPIRAT 2 Ver. 1.x only).

SET BP2 license Wi-Fi & GPS (Bundle)

Description

P/N

**SET BP2 license Wi-Fi & GPS (Bundle)**

incl. USB-Hub

91000135

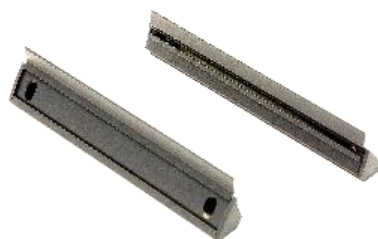
Bundle of:
 Wi-Fi for BLUEPIRAT 2
 GPS for BLUEPIRAT 2

91000168
 91000138

BLUEPIRAT 2 mounting kit

Description

P/N

**BLUEPIRAT 2 mounting kit****10001012**

Matching mounting kit for the BLUEPIRAT 2. The kit consists of two brackets that are attached to the sides of the housing.

Firmware Care

Description

P/N

Firmware Care (12 months)
91000197

Firmware Care (24 months)

91000198

LICENSES

Magna Telemotive GmbH

Firmware Care for BLUEPIRAT 2 includes:

- Firmware updates
- Complex Triggers
- Remote Control Monitor
- Signal based filters
- Autosar DLT Diagnostic Log&Trace

91000119
91000127
91000115
91000111

Camera- / Video Recording

Description

P/N

Camera- / Video Recording
91000133

LICENSES

Magna Telemotive GmbH

Video recording via video server or network cameras.
With the camera license it is possible to connect up to four Ethernet webcams to the BLUEPIRAT 2. After connecting the BLUEPIRAT 2 is able to log MPEG4 video streams.

CCP (CAN Calibration Protocol)

Description

P/N

CCP (CAN Calibration Protocol)
91000106

LICENSES

Magna Telemotive GmbH

Measurements with CAN Calibration Protocol.

XCP via CAN/ETH (Extended Calibration Protocol)**Description****P/N****XCP via CAN/ETH (Extended Calibration Protocol)****91000136**

LICENSES
Magna Telemotive GmbH

Measurements with XCP. Available for Ethernet (XCP on Ethernet) and the CAN-bus (XCP on CAN).

MOST150 streaming channel recording**Description****P/N****MOST150 streaming channel recording****91000121**

LICENSES
Magna Telemotive GmbH

Logging MOST150 synchronous/isochronous data.

Download Terminal**Description****P/N****Download Terminal (within System Client)****91000129**

The Download Terminal allows the automatization of nearly all processes which had to be done by hand for every device before. By assigning devices to groups you can define, which steps had to be performed for which group of devices, when the client identifies a device. The whole workflow, from updating the firmware or configuration up to download and conversion of the files can be defined and will be done for these devices later without any interaction of users.

Mobile network services

Description

P/N

Mobile network services**91000204**

LICENSES
Magna Telemotive GmbH

Current supported UMTS sticks:
4G Systems | XS Stick P14

Current supported mobile networks:
Vodafone

QXDM Logging

Description

P/N

QXDM Logging**91000125**

LICENSES
Magna Telemotive GmbH

Logging of QXDM data.

Complex Triggers

Description

P/N

Complex Triggers**91000119**

standard feature Firmware Care (>=FW3.1.2.)

LICENSES
Magna Telemotive GmbH

The Complex event offers the possibility to combine different single events with logical expressions to one event. One complex trigger can start only one Action. Different complex events can be configured to realize different actions.

Remote Control Monitor

Description

P/N

Remote Control Monitor**91000127**

standard feature Firmware Care (>=FW3.1.2.)

LICENSES

Magna Telemotive GmbH

With the Remote Control Monitor feature it is possible to display current values of selected signals immediately on the remote control unit.

Signal based filters

Description

P/N

Signal based filters (CAN, LIN, FlexRay, Analog, Digital)**91000115**

standard feature Firmware Care (>=FW3.1.2.)

LICENSES

Magna Telemotive GmbH

Allows an automatic filtering of a part of the recorded data, to reduce the amount of data. The user can create freely configurable filter rules through the Telemotive System Client.

Autosar DLT Diagnostic Log&Trace

Description

P/N

Autosar DLT Diagnostic Log&Trace**91000111**

standard feature Firmware Care (>=FW3.2.1.)

LICENSES

Magna Telemotive GmbH

With the DLT license it is possible to connect up to 16 ECU for logging their DLT messages.

BLUEPIRAT Remote

DATA LOGGERS and REMOTE CONTROL
HARNESSES
ACCECOIRES
LICENSES

MANUAL
PRODUCT FLYER



BLUEPIRAT Remote	Description	P/N
	BLUEPIRAT Remote	10001239
	incl. Firmware Care (12 months) - 91000193	
	Combination of multi-bus data logger and remote control. <u>Harness (optional):</u> BLUEPIRAT Remote harness Power + CAN + LIN <u>Interfaces:</u> 2x CAN-HS, 1x CAN-LS, 1x LIN, 2x Gbit Ethernet/Telemotive System Link, 1x USB 2.0 Device/Host, 2x Analog/Digital-IN, 2x Serial RS232	
https://sc.telemotive.de/4/uploads/media/RCTouch_UserGuide.pdf		

BLUEPIRAT Remote harness Power+CAN+LIN	Description	P/N
	BLUEPIRAT Remote harness Power + CAN + LIN	10001302
	Required cable set for BLUEPIRAT Remote Log&View. Cable set with 26-pol SUB-D connector to banana plug. The cable splits up its lines to separate connectors (see drawing).	
	Length approx. 150cm	

Firmware Care

Description

P/N

Firmware Care (12 months)**91000193**

Firmware Care (24 months)

91000194

LICENSES
Magna Telemotive GmbH

Firmware Care includes:

- Firmware updates
- Complex Triggers
- Remote Control Monitor
- Signal based filters
- Autosar DLT Diagnostic Log&Trace

91000093
91000098
91000094
91000085

CCP (CAN Calibration Protocol)

Description

P/N

CCP (CAN Calibration Protocol)**91000079**

LICENSES
Magna Telemotive GmbH

Measurements with CAN Calibration Protocol.

XCP via CAN/ETH (Extended Calibration Protocol)


Description


P/N


XCP via CAN/ETH (Extended Calibration Protocol)**91000123**

LICENSES
Magna Telemotive GmbH

Measurements with XCP. Available for Ethernet (XCP on Ethernet).
and the CAN-bus (XCP on CAN).

Download Terminal	Description	P/N
	Download Terminal (within System Client)	91000100
		
	<p>The Download Terminal allows the automatization of nearly all processes which had to be done by hand for every device before. By assigning devices to groups you can define, which steps had to be performed for which group of devices, when the client identifies a device. The whole workflow, from updating the firmware or configuration up to download and conversion of the files can be defined and will be done for these devices later without any interaction of users.</p>	

Mobile network services	Description	P/N
	Mobile network services	91000294
		
	<p><u>Current supported UMTS sticks:</u> 4G Systems XS Stick P14</p> <p><u>Current supported mobile networks:</u> Vodafone</p>	

QXDM Logging	Description	P/N
	QXDM Logging	91000097
		
	<p>Logging of QXDM data.</p>	

Complex Triggers

Description

P/N

Complex Triggers**91000093**

standard feature Firmware Care (>=FW3.1.2.)

LICENSES
Magna Telemotive GmbH

The Complex event offers the possibility to combine different single events with logical expressions to one event. One complex trigger can start only one Action. Different complex events can be configured to realize different actions.

Remote Control Monitor

Description

P/N

Remote Control Monitor**91000098**

standard feature Firmware Care (>=FW3.1.2.)

LICENSES
Magna Telemotive GmbH

With the Remote Control Monitor feature it is possible to display current values of selected signals immediately on the remote control unit.

Signal based filters

Description

P/N

Signal based filters (CAN, LIN, FlexRay, Analog, Digital)**91000094**

standard feature Firmware Care (>=FW3.1.2.)

LICENSES
Magna Telemotive GmbH

Allows an automatic filtering of a part of the recorded data, to reduce the amount of data. The user can create freely configurable filter rules through the Telemotive System Client.

Autosar DLT Diagnostic Log&Trace

Description

P/N

Autosar DLT Diagnostic Log&Trace**91000085**



standard feature Firmware Care (>=FW3.2.1.)


LICENSES
Magna Telemotive GmbH


With the DLT license it is possible to connect up to 16 ECU for logging their DLT messages.


GENERAL ACCESSOIRES


REMOTE CONTROL TOUCH
SUCTION CUP MOUNTING
CAMERA SYSTEMS

Remote Control Touch	Description	P/N
 	Remote Control Touch incl. power harness	10001240
	<u>Features:</u> <ul style="list-style-type: none"> ▪ Setting/display of triggers ▪ Audio recording and playback ▪ Display of status information on the recorded buses <p>1x 8-pol LEMO socket (RCT), 2x Gbit Ethernet (RJ45) 1x Micro-USB, 1x 4-pol audio jack plug stereo out/microphone (3.5 mm) OMTP</p> <p>https://sc.telemotive.de/4/uploads/media/RCTouch_UserGuide.pdf</p>	

Suction cup mounting	Description	P/N
	Suction cup mounting RAM Mount RAM-B-166-UN10U	10001270
	<p>Professional mounting bracket for safe installation in the car. The suction cup mounting can be used for:</p> <ul style="list-style-type: none"> ▪ BLUEPIRAT Remote – 10001239 ▪ Remote Control Touch - 10001240 	

Axis Video Main Unit F41	Description	P/N
	Axis Video Main Unit F41	10001179
	<p><u>Connects one AXIS F Sensor Unit:</u></p> <ul style="list-style-type: none"> ▪ Axis Sensor unit 1005-E (wide field of view) ▪ Axis Sensor unit F1015 (varifocal) ▪ Axis Sensor unit F1035-E (fisheye) <p>For further information please visit www.axis.com</p>	<p>10001180</p> <p>10001181</p> <p>10001273</p>

Axis Main Unit F44 Dual Audio Input	Description	P/N
	Axis Main Unit F44 Dual Audio Input	10001717
	<p><u>Connects up to four AXIS F Sensor Units:</u></p> <ul style="list-style-type: none"> ▪ Axis Sensor unit 1005-E (wide field of view) ▪ Axis Sensor unit F1015 (varifocal) ▪ Axis Sensor unit F1035-E (fisheye) <p>For further information please visit www.axis.com</p>	<p>10001180</p> <p>10001181</p> <p>10001273</p>

Axis Sensor unit F1005-E	Description	P/N
	Axis Sensor unit F1005-E	10001180
	<p>AXIS F1005-E comprises an image sensor with a 1080p resolution (1920 x 1080 pixels) and a fixed lens that provides a wide 113° horizontal field of view.</p>	

Axis Sensor unit F1015

Description

P/N

Axis Sensor unit F1015

10001181



AXIS F1015 comprises an image sensor with 1080p resolution (1920 x 1080 pixels) and a varifocal lens that provides between a 52° and 97° horizontal field of view.

Axis Sensor unit F1035-E

Description

P/N

Axis Sensor unit F1035-E

10001273



AXIS F1035-E comprises an image sensor with 1080p resolution (1920 x 1080 pixels) and a fisheye lens that provides a 194° horizontal field of view.

For further information please visit www.axis.com

TTA – Telemotive Test Automation

TTA CORE LICENSE



TTA Core License incl. SW Care

item

P/N

TTA Core License incl. SW Care

TTA Core License incl. SW Care (12 month)
 TTA Core License incl. SW Care (24 month)
 TTA Core License incl. SW Care (36 month)
 TTA Core License incl. SW Care (48 month)

91000305
91000306
91000307
91000308



Test automation - flexible and innovative

Telemotive Test Automation (TTA) is a test software developed by the Telemotive AG, which aims to facilitate and standardize the automation of tests. TTA is mainly used by Automotive OEMs and Tier1s for the development, analysis, validation, simulation, diagnostic functionalities and the startup of communication networks as well as single ECUs. TTA is characterized by its high usability, which is accomplished by the intuitive user interface, but also the by programming language that enables the use of open source software packages. The open API enables the connection to any hard- or software on all layers of the OSI model. Intuitive features, such as the "TTA remote concept" to control multiple test benches or the version control for test cases complete the framework.

Further Information can be accessed on our website:

<https://www.telemotive.de/en/products/software-solutions/telemotive-test-automation/>

TTA provides the user an interface for the bus systems CAN and Ethernet, as well as a serial interface. The TTA Core software moreover contains pre-assembled units for various applications, such as Image Processing, OCR, ISO-TP, UDS, Relay Control, Android Debug Bridge, Audio Testing and Frame Grabber Interfaces. The documentation of the Software enables a fast introduction with code examples for different applications.

TXR – Telemotive Xtended Reality

AR SaaS for Industry 4.0
Process Digitalization



TXR Core License incl. SW Care

item

TXR Core License incl. SW Care

TXR Core License incl. SW Care (12 month)
TXR Core License incl. SW Care (24 month)
TXR Core License incl. SW Care (36 month)
TXR Core License incl. SW Care (48 month)



Test automation - flexible and innovative

Telemotive Xtended Reality (TXR) is an augmented reality software developed by MAGNA Telemotive GmbH, which aims to digitalize manufacturing and controlling processes for Industry 4.0 supporting employees, assembly line workers, and quality manager's gain from capturing data swiftly and precisely and all the data is accessible at any time. TXR can be integrated and adopted onto any existing manufacturing or IT-infrastructure, software solutions and workflow processes.

TXR is targeting:

- Real-Time Analytics & Display Of Results
- Training & Learning Content
- Experience Enhancement & Location-Based Services
- Instructions

Not only in automotive but nearly in any industry. Thanks to the TXR's exclusive engine, it is capable of 100% adaptability to any use case AR technologies involving computer vision, voice recognition, and data management.

Advantages

- Wide range of options for data collection
- Intuitive handling through XR device
- Step-by-step guidance through the process
- Cost reducing in the implementation phase
- No big IoT hardware investments
- Module based out-of-the-box solution

Further Information can be accessed on our website:

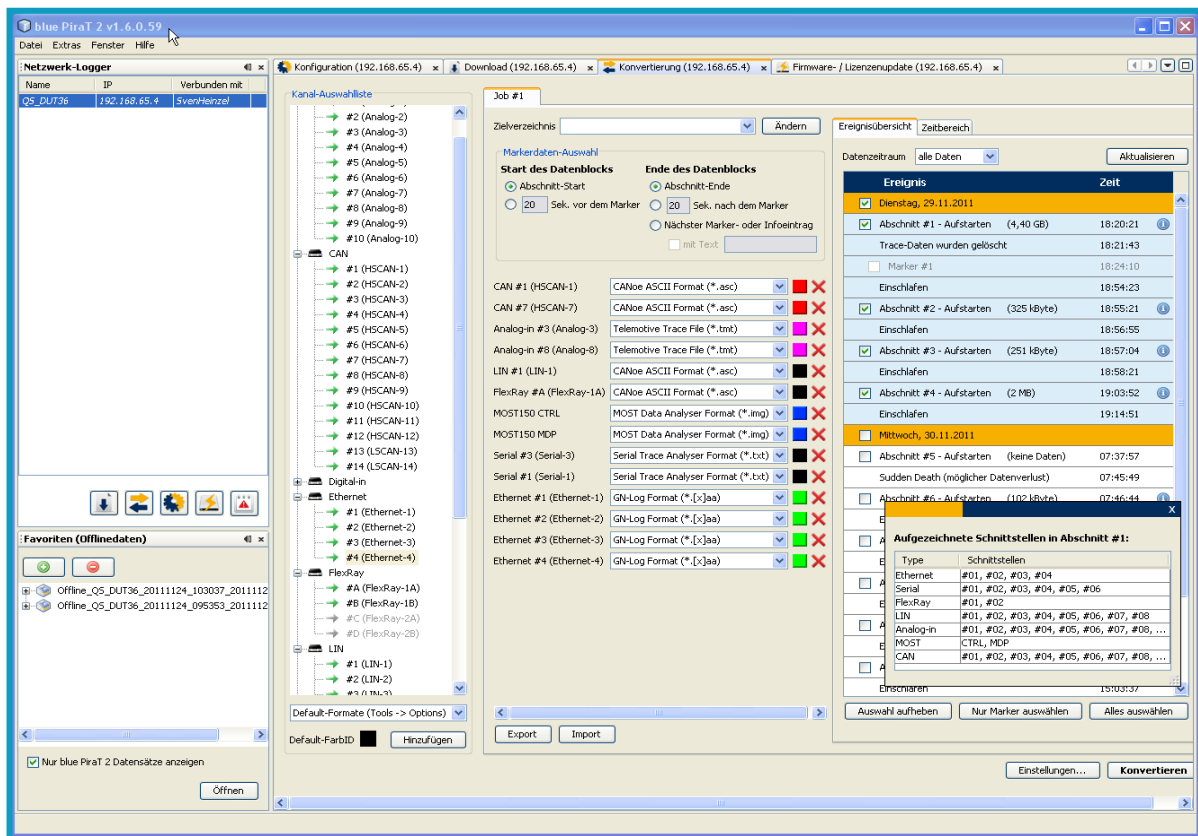
<https://www.telemotive.de/en/products/software-solutions/>

BLUEPIRAT SOFTWARE

SYSTEM CLIENT
SYSTEM LINK
LIVE VIEW
FIRMWARE CARE

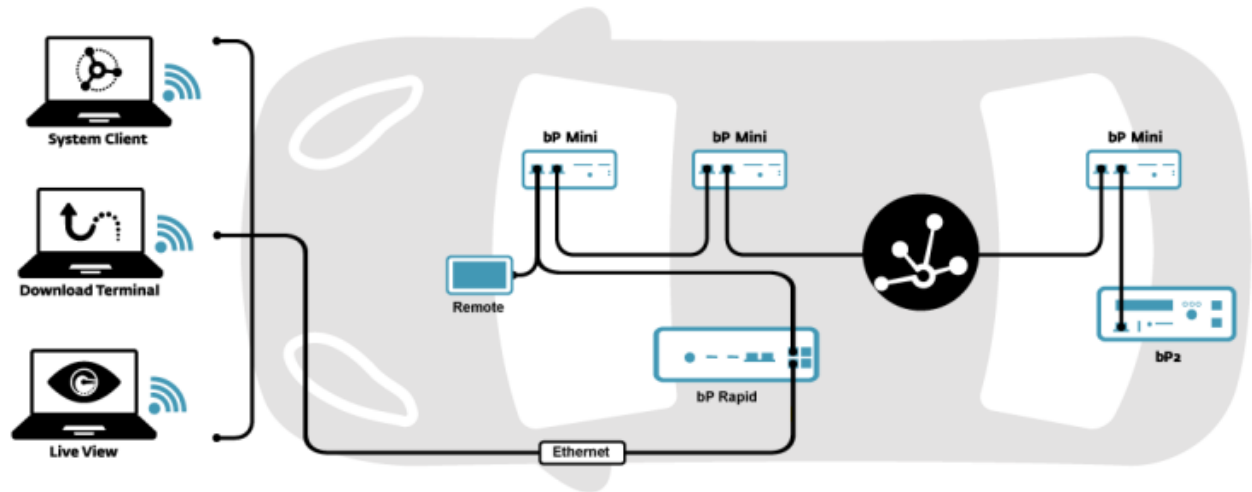
System Client

The System Client ensures the management of BLUEPI-RAT data loggers, both online and offline. With the software, it is also possible to define the configuration of all logging interfaces, to manage triggers and filters, visualize data traffic in the online monitor as well as to download and convert the previously recorded data. In the offline mode, you can directly edit system configurations without the presence of a test vehicle or test environment. The System Client is directly available upon acquisition of a BLUEPIRAT data logger along with a Windows compatible version and a portable version, which allows the installation of the software package without any administrator rights.



System Link

The System Link Technology enables the connection of logical devices with all BLUEPIRAT data loggers along with the Remote Control Touch via Ethernet. Furthermore, System Link is able to automatically detect and incorporate any additional data loggers connected to the existing network. The data logging for all BLUEPIRAT devices occurs in a timely synchronized manner with an accuracy of 1 μ s.



Live View

The Live View feature displays the logging data from logger in the same network. The visualization of the web browser interface is available for notebooks, tablets and smartphones connected via LAN or WLAN, regardless of the operating system. Supported data sources range from every available bus system (along with Automotive Ether-net) to digital and analog inputs, GPS modules and logging statuses. The user can configure the data very easily and intuitively as well as create and organize bar and line charts along with different analog and digital signal displays. Additionally, Live View enables the visualization of all selected logging markers as well as the status of every available logging interface including the bus system over-load.



Firmware Care

BLUEPIRAT data logger are delivered with the latest firmware version. New features and enhancements are made available through firmware and client releases. During the 12-month warranty, each BLUEPIRAT data logger contains the MAGNA Firmware Care. With the MAGNA Firmware Care, you can carry out software updates for your devices.

The MAGNA Firmware Care can be extended.

In addition, the MAGNA Firmware Care unlocks the following software features. These software features are retained even after 12-months warranty and you can use your BLUEPIRAT data logger as usual:

- **Complex Trigger**

The Complex Trigger feature can be used to configure incidents to trigger a specific action

- **Remote Control Monitor**

The Remote Control Monitor feature allows you to view current values of selected signals on the Remote Control unit

- **Signal based filters**

The feature Signal based filter offers the possibility to automatically extract preconfigured signals with an adjustable sampling frequency directly from the recorded messages directly on the logger and store them in an MDF or CSV file. This automatically filters a part of the recorded data to reduce the amount of data. To do this, the user can create freely configurable filter rules using the Telemotive System Client. Each filter can be assigned any signals, which are then filtered out of the recorded data.

- **DLT logging**

The DLT logging feature makes it possible to receive and record DLT messages via the Ethernet and Serial interfaces. Via Ethernet it is also possible to send control messages for the online configuration of the ECU.

- **Broad-R-Reach® recording**

(Attention: only available for BLUEPIRAT Rapid, BLUEPIRAT Mini 8CAN and 4CAN-FD)

Broad-R-Reach®-links can be recorded via the Broad-R-Reach®-interfaces of the BLUEPIRAT dataloggers.

DRIVING **EXCELLENCE.**
INSPIRING **INNOVATION.**