

Model: JAUX\_BT-02 CAN dla CONCERT/SYMPHONY



# **INSTALLATION MANUAL**



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### 1. INTRODUCTION

JAUX\_BT-02 module with bluetooth function for AUDI CONCERT systems. Using the built-in Bluetooth module device allows to wireless audio playback from portable devices. Device is equipped with additional line input, which gives a possibility to listen of sound using the AUX connector. The module fully integrates with the CAN system. Plug and Play installation.

#### important:

If the car is equipped with a factory-made AMI module and we want to keep it functionality and at the same time connect additional devices (JRDAB-02 or JAUX\_BT-02), use the CAN-JSW-02 switch available in our offer.

#### 2. RECOMMENDATIONS

#### Copyright

All assembly and operating instructions are protected by copyright. Distributing documentation via print or online media is only allowed with the prior consent of JUNA electronics.

#### Important

Please read installation manual very careful and keep it in right way. During installation, pay attention to all relevant aspects related to safety of installation and use of the device.

The priority during the design and production of all devices by JUNA electronics company is security and service comfort. It has been achieved by applying the modern techniques of design and production processes of electronic devices.

Module should be installed in technical workshops by qualified personnel or by people who have experience in this type of installations. Installation of devices by not qualification people can cause injury to persons or damage to property.

It is recommended keep to the general safety rules and pay attention for any threat that can cause of damage to the vehicle.



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### 2.1 RECOMMENDATIONS

We advice to mount device in safety place, where it is not exposed for moisture, water or too high temperatures.

Device should not be installed in places where it could difficult safe driving or operating efficiency of other units installed in vehicle.

The devices can be connected only to 12V. Modules can't be used in vehicles with 24V and higher voltage.

Please note that most of our devices are based on software that may require an update. That's why you should always mount the device in easily available place in the vehicle.

In some countries it may be necessary to check the legal provisions before installation and startup of the device. In the interest of high quality and development of our products, JUNA Electronics reserves the right to make technical changes.

In the case of a warranty claim, the device should be sent back to the seller in original packaging with a detailed description of the problem with attached purchase invoice.

Warranty claims as well as exploitation rights expire due:

- A) Not authorized changes in devices or accessories, which have not been approved or have not been provided by the manufacturer or his partners.
- B) Opening the device's box
- C) Yourself repair the device
- D) Improper use / improper operation of

the device

- E) Mechanical damage
- F) Flooding with water or other liquids

JuNa PPHU Manufacturer

### 3. CONNECTION SCHEME OF THE MODULE

- 1. Switch off the ignition and vehicle radio
- 2. Disconnect the original ISO connector from the radio
- 3. Connect the W-RD102 ISO cable to the car radio ()
- 4. Connect the factory ISO connector plug to the W-RD102 socket 29
- 5. Connect the plug (8pin) of the cable W-RD102 to the module JAUX\_BT-02 3
- 6. Connect the W-AUX-BT201 cable to the JAUX\_BT201 module 4
- 7. Turn on the ignition switch and start the vehicle radio



#### **INFORMATION:**

If (AUX/Bluetooth) option doesn't appear in the Source menu after connection of JAUX\_BT-02 module then AMI platform must be activated via OBD connector (see item 4/p.4)



### 4. CODING

If Audi Music Interface [AMI] wasn't pre-installed in the car there might be a needs to activate function using VAG, VCDS or other diagnostic program.

Byte 11 > Bit 3 > 
$$X X X X X X X X X X$$
  
Set 1

Long coding in the CONCERT unit (56-Radio module)

Below is an example of how to encode with the VCDS program.

				VCDS Release 18.2.0: Select	t Control Module				20 VCDS Release 18 2 0: 55.	Radio, Open Controller (87)	.035.110(.55 CLR)	
	VCDS Release 18.2.0	20822 Codes Loaded		VUDS Needed above Select Control Module					Comm Status Latency=4 ms Protocol: CAN	V	CDS Controller	
Select Control Module Select an Individual Control Module	Auto-Scan An automatic scan of all controllers	Service Reminder Interval Reset Automatically reset the service light		Installed Drivetra	in Chassis Co	mfort/Conv. Electror	nics 1 Electronics 2		Controller Info			
such as Engine, ABS, Airbag, etc.	for Fault Codes.	for oil and inspection.		01-Engine	02-Auto Trans	03-ABS Brakes	05-Acc/Start Auth.		VAG Number: Soft, Coding:	8T1 035 186 C Long Coding	Component: Con Shop #: Imp:	cert3 H02 0210 259 WSC 00900
Select	Auto-Scan	CDI Davat		08-Auto HVAC	09-Cent. Elect.	10-Park/Steer Assist	15-Airbags		Extra:	0 0	10919603A Display	200 100 0000
Select	Auto-Scan	SRI Reset							Extra:		Geraet 12345	
OBD-II Functions Generic OBD2 Mode	Applications	Program Options		16-Steering wheel	17-Instruments	19-CAN Gateway	20-High Beam Assist.		Basic Functions	e are "Safe"	Advanced Function	S r to Service Manual !
Generic OBD2 Mode. Retrieve and clear faults and freeze frame, obtain live data.	Features consisting of several basic commands, like transport mode.	Select Comm Port, Set Debug and Protocol Options, etc.		42-Door Elect, Driver	46-Central Conv.	47-Sound System	52-Door Elect, Pass.		Fault Codes - 02	Readiness - 15	Coding II - 11	
				53-Parking Brake	55-Headlight Range	56-Radio	62-Door, Rear Left		Meas. Blocks - 08	Advanced ID - 1A	Basic Settings -	
OBD-II	Applications	Options		69-Trailer	6D-Trunk Elect.	72-Door, Rear Right	77-Telephone		Supp. Codes - 18	Adv. Meas. Values	Output Tests - I	
Abo	ut	Exit		Direct Entry Address Word (01-FF):	56 Got	Go Back				Close Contro	oller, Go Back - 06	
1. Option Cotro	LAA. J.			2. Option 56					3. Option			
Incorrect Co 0 - 811 035 1	Component: Component: Component: Component: Component: Component: Component: Component: Component: Provide Component: Prov	Concert3 H02 0210 to change anything. Functional g Coding Helper Equipt # (0-99999): 12345	Com Liefer Proto 2010/2010/2010/2010 2010/2010/2010/2010	Release 18.2.0 56 Relation, Opm           Status           conforma           conforma <th>Copen Control</th> <th>S</th> <th></th> <th></th> <th>Comm Status atency=4 ms Protocol: CAN • 811-025-186-C [13 Bytes o standard   LCode 2  He J40145004558370900 B2 04 01 45 00 43 B2 04 01 45 00 43</th> <th>IP   ard / [E SC] will close LCode SE 07 09 00</th> <th>DS Introller</th> <th></th>	Copen Control	S			Comm Status atency=4 ms Protocol: CAN • 811-025-186-C [13 Bytes o standard   LCode 2  He J40145004558370900 B2 04 01 45 00 43 B2 04 01 45 00 43	IP   ard / [E SC] will close LCode SE 07 09 00	DS Introller	
4. Option Long	Coding		5. We d	choose Byte	e 11				Byte 11, m	ark Bit 3		
≫ VCDS Release 18.2.0: 56-Radio, Open	n Controller (8TX-035-1XX-56.CLB)	8	1	<ul> <li>VCDS Release 18.2.0: 56-Rad</li> </ul>	lio, Open Controller (8TX-0:	35-1XX-56.CLB)	8		VCDS Release 18.2.0: 56-	Radio, Open Controller (8TX-	-035-1XX-56.CLB)	
Comm Status Latency=5 ms Protocal: CAN	VCDS Open Controller			Comm Status Latency=4 ms Protocol: CAN /		CDS Controller			Comm Status Latency=5 ms Protocol: CAN		CDS Controller	
Controller Info VAG Number: 8T1 035	186 C Component: C	concert3 H02 0210		Controller Info VAG Number: 8T	1 035 186 C	Component: Concer	13 H02 0210		Controller Info VAG Number:	8T1 035 186 C	Component: Cone	cert3 H02 0210
VCDS Release 18.2.0: 56-Radio, Recode		8			ong Coding	Imp: 25			Soft. Coding:	Long Coding	Shop #: Imp:	
Please write down to	he original values before attempting t oding can make a Control Module no	to change anything.		Extra:		splay			Extra:	81	r0919603A Display	
	186 C - Concert3 H02 0210	-		Extra:	Coding ac				Extra:		Geraet 12345	
	Current coding:			Basic Functions These are	e "Safe"	OK Functions Refer to:	Service Manual !		Basic Functions These	are "Safe"	Advanced Function Refer	s r to Service Manual !
	0000048204014500435B870100	Out out the law		Fault Codes - 02	Readines	or o	Coding - 07		Fault Codes - 02	Readiness - 15	Coding II - 11	Coding - 07
	New coding: Long 0000048204014500435B870900	g Coang Helper		Meas. Blocks - 08	Advanced ID - 1A	Basic Settings - 04	Adaptation - 10		Meas. Blocks - 08	Advanced ID - 1A	Basic Settings -	04 Adaptation - 10
WorkShop Code (0-99999): 0	0900 Importer # (0-999): 259	Equipt # (0-999999): 12345		Supp. Codes - 18	Adv. Meas. Values	Output Tests - 03	Security Access - 16		Supp. Codes - 18	Adv. Meas. Values	Output Tests - 0	13 Security Access - 16
	Do It! Cancel				Close Controlle	er, Go Back - 06				Close Contro	oller, Go Back - 06	

7. Confirm with the Do It button

8. We confirm the correctly made process

9. We close the coding process

For the coding process to be fully effective, please disable the program Diagnostic *(Fig. 9. Close the coding process),* Switch off and then on again.



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### 5. BASIC TECHNICAL PARAMETERS

1. Power supply voltage	- 12V
2. Power consumption with active Bluetooth	- 49mA
3. Power consumption without active Bluetooth	- 38mA
4. Resting current	- 0mA
5. Communication and control	- CAN bus
6. Housing	- Metal
7. Dimensions	- 62mm x 9
8. Weight	- 153g

#### 6. ELEMENTS OF THE SET

- 1. AUX/Bluetooth module [JAUX\_BT-02]
- 2. Connection cables [W-RD102]
- 3. Bunch of socket RCA+Antena [W-AUX-BT201]



92mm x 25mm

