

## CX (CAN-Bus) Interfaces

### General product features

<b>CX-400</b>	CAN-bus interface with numerous functions, depending on the vehicle, it provides analogue ACC ( A ), speed signal ( S ), reverse ( R ), and lights ( L ) and acoustic signal of park distance control (PDC) in combination with CX-15 ( from CX-401 SW1.1.3; till SW1.1.2 CX-P1200) and remotely turns on compatible factory sound-systems which are triggered by CAN-bus (FSS). <b>For every CX-400 a universal harness CX-010 or device-specific harness CX-0xx is required.</b>
<b>CX-401</b>	CAN-bus interface with numerous functions, depending on the vehicle, it provides analogue ACC ( A ), speed signal ( S ), reverse ( R ), lights ( L ) and acoustic signal of park distance control (PDC) in combination with CX-15 ( from CX-401 SW1.1.3; till SW1.1.2 CX-P1200) and remotely turns on compatible factory sound-systems which are triggered by CAN-bus (FSS). On vehicles with CAN steering-wheel [SWC] depending on the vehicle it is possible in combination with device specific cable ARC-01x to control after-market devices of Alpine, Blaupunkt, Clarion, Digitaldynamic, JVC, Kenwood, Pioneer, Sony or Zencor by steering wheel. <b>For every CX-401 a universal harness CX-010 or device-specific harness CX-0xx is required.</b>

### Generelle Produktfeatures

<b>CX-400</b>	CAN-Bus Adapter mit großem Funktionsumfang. Je nach Fahrzeug werden Zubehörplus ( Z ), Geschwindigkeitssignal ( S ), Rückwärtsgang ( R ), Beleuchtung ( L ) und PDC-Warnsignal (PDC) i.v.m. CX-15 (ab CX-401 SW 1.1.3; bis SW1.1.2 CX-P1200) bereitgestellt sowie ein vorhandenes und kompatibles CAN-Bus Werks-Sound-System (FSS) eingeschaltet. <b>Zu einem CX-400 immer ein universeller Kabelsatz CX-010 oder ein fahrzeugspezifischer Kabelsatz CX-0xx benötigt.</b>
<b>CX-401</b>	CAN-Bus Adapter mit großem Funktionsumfang. Je nach Fahrzeug werden Zubehörplus ( Z ), Geschwindigkeitssignal ( S ), Rückwärtsgang ( R ), Beleuchtung ( L ) und PDC-Warnsignal (PDC) i.v.m. CX-15 (ab CX-401 SW 1.1.3; bis SW1.1.2 CX-P1200) bereitgestellt sowie ein vorhandenes und kompatibles CAN-Bus Werks-Sound-System (FSS) eingeschaltet. Bei Fahrzeugen mit CAN am Multifunktionslenkrad (MFL) können je nach Fahrzeug i.v.m. gerätespezifischem Kabel ARC-01x Nachrüstgeräte von Alpine, Blaupunkt, Clarion, Digitaldynamic, JVC, Kenwood, Pioneer, Sony und Zencor über das Multifunktionslenkrad gesteuert werden. <b>Zu einem CX-401 immer ein universeller Kabelsatz CX-010 oder ein fahrzeugspezifischer Kabelsatz CX-0xx benötigt.</b>

### Compatibility and model specific product features / Kompatibilität und modellspezifische Produktfeatures

Brand / Marke	Compatible vehicles / kompatible Fahrzeugmodelle	Radio connector / Radio-Anschluss	Min SW (CX-0xx)	Vehicle-specific harness / fahrzeugspezifischer Kabelsatz	CAN-bus black box functions / CAN-Bus Black-Box Funktionen	
					CX-400	CX-401
Alfa Romeo	159, Brera	ISO		CX-010	ALR,S	ALR,S,SWC
	147, 156, GT	ISO		CX-010	ALR,S	ALR,S
	A2 and A3 from 07/2001 until 12/2006, A4 from 01/2000 until 10/2006, A6 from 07/2001 until 01/2005, TT from 07/2001 until 07/2006	(mini-)ISO		CX-010	ALR,S	ALR,S
Audi	A1 and A3 from 01/2007, A4 from B1 11/2006 till 11/2007, TT from B1 08/2006, Q5, A5	quaddock		CX-025	ALR,S	ALR,S,SWC
	A4 (8K), A6 (4F), A8 (4E), Q7, A4L	universal		CX-010	ALR,S	ALR,S
	A6 (4G), A7 (4G)	universal	1.15	CX-010	ALR,S	ALR,S
	A3 (8V)	universal	1.12	CX-010	ALR,S	ALR,S,SWC
BMW	Series (E46), Series (E39), X3 (E83), X5 (E53) with round pins from 08/1998	-	-	-	-	-
	Series (E46), Series (E39), X3 (E83), X5 (E53) with quaddock (approx from 08/2000)	-	-	-	-	-
	Series (E81,E87,E88), Series (E90,E91,E92)	quaddock	1.15	CX-028	ALR,S,POC	ALR,S,SWC,POC
	Series (F30,F31,F32,F33), Series (E60,E63,F10,F11), 6series (E63/E64/F12/F13), 7series (E65/E66/F01/F02), GTS (F07), X5 (E70), X6 (E71)	universal	1.13	CX-010	ALR,S	ALR,S
Citroen	CC, C4, C5 from 10/2004, DS4 (no SWC), DS4 (no SWC), Jumper from 09/2006 (only 3)	quaddock	1.13	CX-030	ALR,S,POC,DCS	ALR,S,SWC,POC,DCS
Chevrolet	HRV, Orlando	universal		CX-010	ALR,S	ALR,S
Chrysler	C200 2011 - 2014, C300 2005 - 2010, Aspen 2007 - 2009, PT Cruiser 2006 - 2010, Sebring 2007 - 2010, Town & Country 2008 - 2016	Universal	2.04	CX-010	ALR,S,FSS	ALR,S,SWC,FSS
	Avenger 2007 - 2014, Caliber 2007 - 2012, Challenger 2008-2014, Charger 2006-2010, Charger 2011, Dakota 2006 - 2011, Durango 2008 - 2009, Durango 2011 - 2013, Grand Caravan 2009 - 2016, Journey 2009 - 2010, Journey 2013, Magnum 2005 - 2008, Nitro 2007-2011	Universal	2.04	CX-010	ALR,S,FSS	ALR,S,SWC,FSS
Dodge	Dart 2014 - 2015, Durango 2014 - 2015	Universal	2.04	CX-010	ALR,S	ALR,S,SWC
	Stilo, Grande Punto	ISO		CX-010	ALR,S	ALR,S,SWC
Fiat	Scudo	quaddock		CX-010	ALR,S,POC	ALR,S,SWC,POC
	500	ISO	1.02	CX-010	ALR,S	ALR,S,SWC
	Ducato from 2013	universal	1.21	CX-010	ALR,S	ALR,S,SWC
Ford	Focus, Mondeo, Galaxy - with 17pin	-	-	-	-	-
	Focus, C-Max, Mondeo, S-Max, Galaxy	quaddock		CX-010	ALR,S	ALR,S,SWC
Honda	Accord (8th), CR-Z, Jazz (2nd), Civic 2014	universal	1.21	CX-010	ALR,S	ALR,S,SWC
Jaguar	XK	universal		CX-010	ALR,S	ALR,S
Hyundai	Vehicles with 24-pin	-	-	-	-	-
	Vehicles with Mini-iso	-	-	-	-	-
Jeep	Commander 2006 - 2010, Compass 2007 - 2016, Grand Cherokee 2005 - 2013, Liberty 2008 - 2012, Patriot 2007 - 2012, Wrangler 2007 - 2017	Universal	2.04	CX-010	ALR,S,FSS	ALR,S,SWC,FSS
	Cherokee 2014 - 2015, Grand Cherokee 2014 - 2015	Universal	2.04	CX-010	ZLRS	ALR,S,SWC
	Ypsilon from 11/2003	ISO		CX-010	ALR,S	ALR,S
Land Rover	Range Rover Sport L320 model years 2005-2011, Range Rover Vogue L322 model years 2005-2012, Freelander2 L259 model years 2007-2012, Discovery3 L319 model years 2004-2009, Discovery4 L319 model years 2010-2011	universal	1.13	CX-010	ALR,S	ALR,S
	IS	universal		CX-010	S	S
Maserati	Quattroporte	quaddock		CX-025	ALR,S	ALR,S,SWC
Mazda	3 series	universal		CX-010	S	S
	Vehicles with radio preparation, A-Class (W169) and B-Class (W245) with Audio 5	ISO		CX-010	ALR,S	ALR,S,SWC
Mercedes Benz	C-Class (W203) until 03/2004, E-Class (W210), CLK (W208), CLK (W209) until 03/2004, SL (R230) until 07/2004, SLR (R107), Viano (W639), Sprinter (W906)	(10pin) ISO	1.09	CX-010	ALR,S	ALR,S,SWC
	A-Class (W169), B-Class (W245) with Radio 20, E-Class (W251), C-Class (W203) from 04/2005, CLK (W209) from 04/2004, M-Class (W164), C-Class (W204), SLK (R107) from 06/2008, E-Class (W211) from 06/2008, E-Class (W212), E Coupe (W207), CLS (W219), Viano (W639), Sprinter (W906)	quaddock	1.09	CX-028	ALR,S	ALR,S,SWC
	E-Class (W211) until 03/2003	universal		CX-010	ALR,S	ALR,S,SWC
	E-Class (W211) from 04/2003 until 06/2008, CLS (W219) until 06/2008, SLK (R107) until 06/2008	quaddock		CX-010	ALR,S	ALR,S,SWC
	S-Class (W221), Sprinter (W907/W910)	universal	2.07	CX-010	ALR,S	ALR,S
	Vito (W447)	universal	1.22	CX-028	ALR,S	ALR,S,SWC
C-Class (W203), S-Class (W221), V-Class (W447)	universal	1.22	CX-010	ALR,S	ALR,S,SWC	
Mitsubishi	Outlander	universal	1.06	CX-010	ALR,S	ALR,S
Opel	Astra, Calibra, Corsa, Vectra, Omega, Sintra, Zafira	vehicles without interior CAN-bus	-	-	-	-
	Vectra C until 07/2004	universal	1.13	CX-010	ALR,S,SWC	ALR,S,SWC
Peugeot	Astra i, Corsa C/D, Vectra (from 08/2004), Merivo, Tigra Twin Top, Vivaro, Antara	quaddock	1.13	CX-010	ALR,S	ALR,S,SWC
	207, 207, 407, 407 (without MFL), Expert	quaddock	1.13	CX-030	ALR,S,POC,DCS	ALR,S,SWC,POC,DCS
Porsche	Cayenne, Boxster, 911 (997)	(mini-)ISO		CX-010	ALR,S	ALR,S,SWC
	Cayenne until 05/2010, Boxster, Cayman, 911 Cayenne from 05/2010, Panamera	quaddock		CX-028	ALR,S	ALR,S,SWC
RAM	RAM 2006 - 2012	Universal	2.04	CX-010	ALR,S,FSS	ALR,S,SWC,FSS
	1500 2013 - 2017, 2500 2013 - 2017, ProMaster 2014 - 2015	Universal	2.04	CX-010	ALR,S	ALR,S
Renault	Megane III	quaddock		CX-010	ALR,S	ALR,S,SWC
Ssangyong	Vehicles with 18-pin	-	-	-	-	-
	ForTwo	universal		CX-010	ALR,S	ALR,S
Smart	ForFour	ISO		CX-010	ALR,S	ALR,S,SWC
	ForFour	quaddock		CX-028	ALR,S	ALR,S,SWC
Seat	Altea, Ibiza, Leon	quaddock		CX-025	ALR,S	ALR,S,SWC
	Alhambra MY 2016-, Arona MY 2018-, Attea (NH7) MY 2017-, Ibiza (6P) MY 2016-, Leon3 (5F) MY 2012-, Toledo (6G) MY 2016-	new quaddock	1.12	CX-038	ALR,S	ALR,S
Skoda	Octavia I, Superb with interior CAN-Bus	(mini-)ISO	1.14	CX-010	ALR,S	ALR,S,SWC
	Octavia II, Superb (1T), Fabia (5J)	quaddock	1.14	CX-025	ALR,S,FSS	ALR,S,SWC,FSS
VW	Octavia (N) MY 2014-, Karoq (N) MY 2018-, Kodiaq (N57) MY 2017-, Octavia4 (5E) MY 2012-, Passat (N) MY 2015-, Superb (1D) MY 2015-, Yeti MY 2015-2017	new quaddock	1.12	CX-038	ALR,S	ALR,S,SWC
	Caddy, Golf 4/5/6/Plus, Passat (1B/3C), Polo (9N), Polo (9N), Phaeton (01), Tiguan (5N), TS, Touran, Touareg (7L)	quaddock	1.15	CX-025	ALR,S,FSS	ALR,S,SWC,FSS
Volvo	Amarok MY 2017-, Arson (3H) MY 2018-, Beetle (5C) MY 2015-, Caddy (2K) MY 2016-, Crafter (5Z/5Y) MY 2017-, Golf MY 2012-, Golf Sportvan MY 2016-, Multivan (7G) MY 2015-, Passat (8B) MY 2016-, Poleo (6C) MY 2014-2017, Poleo (AW1) MY 2018-, S60 (63) MY 2016-, Sharan (7N) MY 2016-, T-Roc (A11) MY 2018-, Tiguan2 (AD1) MY 2016-, Touran (5T) MY 2016-	new quaddock	1.12	CX-038	ALR,S	ALR,S,SWC
	S60 V70, V90	Volvo 12pin	1.13	CX-033	ALR,S	ALR,S,SWC
XC90	XC60	universal		CX-010	ALR,S	ALR,S
	XC90	universal	1.13	CX-010	ALR,S,POC	ALR,S,SWC,POC

English	<b>Legend</b>	(MF = model year)
	<ul style="list-style-type: none"> <li>• Min SW</li> <li>• SWC</li> <li>• OCS</li> <li>• FSS</li> <li>• PDC</li> </ul> <p>A = ACC (15V), L = Lights (58), R = reverse, S = speed signal,</p>	<p>Minimum software version of CX400/CX401 which is compatible with vehicles in this line</p> <p>Steering-wheel button controls (all after-market devices except Becker, device specific cable ARC-1xx)</p> <p>On-Board Computer System Control</p> <p>Factory sound-system is supported/switched on</p> <p>Park distance control sound (CX-LS required; until SW1.1.2 CX-P1200 required)</p>
Deutsch	<b>Legende</b>	(MY = Modelljahr)
	<ul style="list-style-type: none"> <li>• Min SW</li> <li>• SWC</li> <li>• OCS</li> <li>• FSS</li> <li>• PDC</li> </ul> <p>A = Zubehörplus (Klemme 15V), L = Licht (Klemme 58), R = Rückwärtsgang, S = Geschwindigkeitssignal,</p>	<p>Minimaler Softwarestand des CX400/CX401, notwendig für Fahrzeuge in dieser Zeile</p> <p>Multifunktionslenkrad Tasten (alle Nachrüstgeräte außer Becker, Geräte-kabel ARC-1xx)</p> <p>On-Board Computer System Control</p> <p>Werks-Sound-System wird unterstützt/eingeschaltet</p> <p>Parkstern-Signalton (CX-LS notwendig, bis SW1.1.2 CX-P1200)</p>

### ARC after-market device specific control cables (for CX-401)

Product code / Artikelnummer	Description / Beschreibung	Min SW (ARC-001)	Dip1-settings / Dip2-Stellung ARC-001
ARC-102	Control cable for Becker	-	100
ARC-103	Control cable for Blaupunkt	-	000
ARC-104	Control cable for Alpine	-	110
ARC-105	Control cable for Clarion	-	101
ARC-106	Control cable for JVC	-	111
ARC-107	Control cable for Kenwood, with single signal wire	-	111
ARC-108	Control cable for Kenwood, with DIN connector	-	111
ARC-107	Control cable for Blaupunkt	1.2.0	011
ARC-108	Control cable for Pioneer	-	011
ARC-108	Control cable for Zencor and Digitaldynamic	-	001