

# CX (CAN-bus) and ARC (steering wheel control) interfaces

## General product features

<b>CX-400</b>	CAN-bus interface with numerous functions, depending on the vehicle, it provides analogue ACC (R), speed signal (S), reverse (R), and lights (L) and remotely turns on compatible factory sound-systems which are triggered by CAN-bus (SS). <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 (R), speed signal (S), reverse (R), lights (L) and acoustic signal of park distance control (PDC) in combination with CX-L5 (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 (SS). 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 Zenec by steering wheel. <b>For every CX-401 a universal harness CX-010 or device-specific harness CX-0xx is required.</b>
<b>ARC-001</b>	Steering wheel control interface-box for vehicles with analogue steering-wheel buttons. Compatible with after-market devices of Alpine, Blaupunkt, Clarion, Digitaldynamic, JVC, Kenwood, Pioneer, Sony or Zenec. The ARC-001 with vehicle-specific harness ARC-01x can be used stand-alone (only vehicles with analogue steering wheel). <b>For every ARC-001 a device specific cable ARC-1xx and an after-market device-specific harness ARC-0xx is required.</b>

## Compatibility and model specific product features

brand/ make	compatible vehicles	Min SW (CX-40x)	radio connector	vehicle- specific harness	CAN-bus black box CX-400 functions	CX-401 functions	analogue steering- wheel control box ARC-001
Alfa Romeo	159, Brera		ISO	CX-034	A,L,R,S	A,L,R,S,SWC	-
	147, 156, GT		ISO	CX-034	A,L,R,S	A,L,R,S	ARC-016
Audi	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-023	A,L,R,S	A,L,R,S,SWC	-
	A1 and A3 from 01/2007, A4 from B1 11/2006 till 11/2007, TT from B1 08/2006, Q5, A5		quadlock	CX-025	A,L,R,S	A,L,R,S,SWC	-
	A4 (8K), A6 (4F), A8 (4E), Q7 (4L)		universal	CX-010	A,L,R,S	A,L,R,S,SWC	-
	A6 (4G), A7 (4G)	1.1.5	universal	CX-010	A,L,R,S	A,L,R,S	-
	A3 (8V)	1.1.2	universal	CX-010	A,L,R,S	A,L,R,S,SWC	-
BMW	3series (E46), 3series (E39), X3 (E83), X5 (E53) with round pins from 08/1998		-	-	-	-	ARC-011
	3series (E46), 3series (E39), X3 (E83), X5 (E53) with quadlock (approx from 08/2000)		-	-	-	-	ARC-012
	3series (E81/82/87/88), 3series (E90/91/92)	1.1.5	quadlock	CX-028	A,L,R,S	A,L,R,S,SWC,PDC	-
	3series (F30/F32/F33), 3series (E60/E61/F10/F11), 3series (E63/E64/F12/F13), 7series (E65/E66/F01/F02), GTS (F07) X5 (E70), X6 (E71)	1.1.3	universal	CX-010	A,L,R,S	A,L,R,S	-
Citroen	C3, C4, C5 from 10/2004, DS3 (no SWC), DS4 (no SWC), Jumper from 09/2006 (only S)	1.1.3	quadlock	CX-030	A,L,R,S	A,L,R,S,SWC,PDC	-
Chevrolet	HRR, Orlando		universal	CX-010	A,L,R,S	A,L,R,S	-
Chrysler	300C	1.1.5	universal	CX-010	A,L,R,S,SS	A,L,R,S,SWC,SS	-
Fiat	Stilo, Grande Punto		ISO	CX-034	A,L,R,S	A,L,R,S,SWC	-
	Scudo		quadlock	CX-030	A,L,R,S	A,L,R,S,SWC, PDC	-
	500	1.0.2	ISO	CX-037	A,L,R,S	A,L,R,S,SWC	-
Ford	Ducato from 2013	1.2.1	universal	CX-010	A,L,R,S	A,L,R,S,SWC	-
	Focus, Mondeo, Galaxy - with 17pin		-	-	-	-	ARC-013
Honda	Focus, C-Max, Mondeo, S-Max, Galaxy		quadlock	CX-035	A,L,R,S	A,L,R,S,SWC	ARC-014
	Accord (8G), CR-Z, Jazz (2G)	1.2.1	universal	CX-010	Z,L,R,S	Z,L,R,S,MFL	-
Jaguar	KK		universal	CX-010	Z,L,R,S	Z,L,R,S	-
Hyundai	Vehicles with 24-pin		-	-	-	-	ARC-018
Jeep	Vehicles with Mini-iso		-	-	-	-	ARC-019
	Grand Cherokee, Overland	1.1.4	universal	CX-010	A,L,R,S,SS	A,L,R,S,SWC,SS	-
Lancia	Ypsilon from 11/2003		ISO	CX-034	A,L,R,S	A,L,R,S	-
Land Rover	Range Rover Sport L320 model years 2005-2011, Range Rover Vogue L322 model years 2005-2012, Freelander2 L359 model years 2007-2012, Discovery3 L319 model years 2004-2009, Discovery4 L319 model years 2010-2011	1.1.3	universal	CX-010	A,L,R,S	A,L,R,S	-
	Lexus	GS		universal	CX-010	S	S
Maserati	Quattroporte		quadlock	CX-025	A,L,R,S	A,L,R,S,SWC	-
Mazda	3 series		universal	CX-010	S	S	-
Mercedes Benz	Vehicles with radio preparation, A-class (W169) and B-class (W245) with Audio 5		ISO	CX-026	A,L,R,S	A,L,R,S,SWC	-
	C-class (W203) until 03/2004, E-class (W210), CLK-class (W208), CLK-class (W209) until 03/2004, SL-class (R230) until 07/2004, SLR (199), Viano (W639), Sprinter (W906)	1.0.9	(10pin) ISO	CX-027	A,L,R,S	A,L,R,S,SWC	-
	A-class (W169), B-class (W245) with Audio 20, R-class (W251), C-class (W203) from 04/2005, CLK-class (W209) from 04/2004, M-class (W164), C-class (W204), SLK-class (R171) from 06/2008, E-class (W211) from 06/2008, E-class (W212), E-coupe (W207), CLS-class (W219), Viano (W639), Sprinter (W906)	1.0.9	quadlock	CX-028	A,L,R,S	A,L,R,S,SWC	-
	E-class (W211) until 03/2003		universal	CX-010	A,L,R,S	A,L,R,S,SWC	-
	E-class (W211) from 04/2003 until 06/2008, CLS-class (W219) until 06/2006, SLK-class (R171) until 06/2008		quadlock	CX-029	A,L,R,S	A,L,R,S,SWC	-
	S-class (W221)	1.1.4	universal	CX-010	A,L,R,S	A,L,R,S	-
C-class (W205), S-class (W222), V-class (W447)	1.1.5	universal	CX-010	A,R,S	A,R,S	-	
Mitsubishi	Outlander	1.0.6	universal	CX-010	A,L,R,S	A,L,R,S	-
Opel	Astra, Calibra, Corsa, Vectra, Omega, Sintra, Zafira without interior CAN-bus		-	-	-	-	ARC-015
	Vectra C until 07/2004	1.1.3	universal	CX-010	A,L,R,S, SWC	A,L,R,S, SWC	ARC-015
	Astra H, Corsa C/D, Vectra C from 08/2004, Meriva, Tigra Twin Top, Vivaro, Antara	1.1.3	quadlock	CX-021	A,L,R,S	A,L,R,S,SWC	-
Peugeot	207, 307, 407, 4007 (without MFL), Expert	1.1.3	quadlock	CX-030	A,L,R,S	A,L,R,S,SWC,PDC	-
Porsche	Cayenne, Boxster, 911 (997)		(mini-)ISO	CX-024	A,L,R,S	A,L,R,S,SWC	-
	Cayenne until 05/2010, Boxster, Cayman, 911 Cayenne from 06/2010, Panamera		quadlock	CX-028	A,L,R,S	A,L,R,S,SWC	-
			universal	CX-010	A,L,R,S	A,L,R,S,SWC	-

page 1/2 CAN-Bus

brand/ make	compatible vehicles	Min SW (CX-40x)	radio connector	vehicle- specific harness	CAN-bus black box CX-400 functions	CX-401 functions	analogue steering- wheel control box ARC-001
Renault	Megane III		quadlock	CX-036	A,L,R,S	A,L,R,S,SWC	-
Ssangyong	Vehicles with 18-pin		-	-	-	-	ARC-017
Smart	ForTwo		universal	CX-010	A,L,R,S	A,L,R,S	-
	ForFour		ISO	CX-026	A,L,R,S	A,L,R,S,SWC	-
Seat	ForFour		quadlock	CX-028	A,L,R,S	A,L,R,S,SWC	-
	Altea, Ibiza, Leon Leon III (5F)		quadlock	CX-025	A,L,R,S	A,L,R,S,SWC	-
Skoda	Octavia I, Superb with interior CAN-BUS	1.1.4	(mini-)ISO	CX-022	A,L,R,S	A,L,R,S,SWC	-
	Octavia II, Superb (3T), Fabia (5I)	1.1.4	quadlock	CX-025	A,L,R,S,SS	A,L,R,S,SWC,SS	-
	Octavia III (A7)	1.1.2	universal	CX-010	A,L,R,S	A,L,R,S, SWC	-
VW	Caddy, Golf 4/5/6/Plus, Passat (3B/3C), Polo (9N), Polo (6N), Phaeton (D1), Tiguan (5N), TS, Touran, Touareg (7L)	1.1.5	quadlock	CX-025	A,L,R,S,SS	A,L,R,S,SWC,SS	-
	Golf 7	1.1.5	universal	CX-010	A,L,R,S	A,L,R,S, SWC	-
Volvo	S60, V70	1.1.3	Volvo 12pin	CX-033	A,L,R,S	A,L,R,S,SWC	-
	XC60		universal	CX-010	A,L,R,S	A,L,R,S	-
	XC90	1.1.3	universal	CX-010	A,L,R,S	A,L,R,S,SWC,PDC	-

**Key**  
Min SW = Minimum software version of CX400/CX401 which is compatible with vehicles in this line

A = ACC, L = lights, R = reverse, S = speed signal.

SWC = steering-wheel button controls (all after-market devices except Becker, device specific cable ARC-1xx)

SS = factory sound-system is supported/switched on

PDC = park distance control sound (CX-L5 required; until SW1.1.2 CX-P1200 required)

## ARC after-market device specific control cables (for CX-401 and ARC-001) + dip-settings ARC-001

product code	description	Min SW (ARC-001)	dip1-settings ARC-001	dip2-settings ARC-001	brand/make
ARC-102	Control cable for Becker		-	100	Alfa Romeo
ARC-103	Control cable for Blaupunkt		100	101	BMW/Toyota
ARC-104	Control cable for Alpine		000	111	Hyundai/SsangYong
	Control cable for Clarion		110	010	Ford/Opel
	Control cable for JVC		101	011	Mitsubishi
ARC-105	Control cable for Kenwood, with single signal wire		111	-	-
ARC-106	Control cable for Kenwood, with DIN connector		111	-	-
ARC-107	Control cable for Blaupunkt	1.2.0	010	-	-
ARC-108	Control cable for Pioneer		011	-	-
	Control cable for Zenec and Digitaldynamic		001	-	-

page 2/2 CAN-Bus