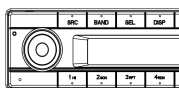
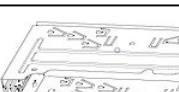
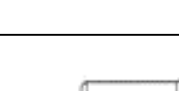
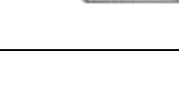


2		3		4		5	
AREA Gebiet	BAND	RECEIVED FREQUENCY Empfangene Frequenz		AUTO SPACE automatischer Raum		CHANEL SPACE Kanalkraum	
AMERICA Amerika	FM	87.5 MHz UP TO /	bis 107.9 MHz	200 kHz	100 kHz		
	AM	530 kHz UP TO /	bis 1710 kHz	10 kHz	10 kHz		
EUROPE Europa	FM	87.5 MHz UP TO /	bis 108 MHz	100 kHz	50 kHz		
	MW	522 kHz UP TO /	bis 1620 kHz	9 kHz	9 kHz		
	LW	144 kHz UP TO /	bis 288 kHz	3 kHz	3 kHz		
ASIA Asien	FM	87.5 MHz UP TO /	bis 108 MHz	50 kHz	50 kHz		
	AM	522 kHz UP TO /	bis 1629 kHz	9 kHz	9 kHz		
JAPAN Japan	FM	76 MHz UP TO /	bis 95 MHz	100 kHz	100 kHz		
	AM	522 kHz UP TO /	bis 1629 kHz	9 kHz	9 kHz		
LATAM Lateinamerika	FM	76 MHz UP TO /	bis 107.9 MHz	50 kHz	50 kHz		
	AM	530 kHz UP TO /	bis 1710 kHz	10 kHz	10 kHz		
NORTH AFRICA Nordafrika	FM	87.5 MHz UP TO /	bis 108 MHz	100 kHz	100 kHz		
	MW	531 kHz UP TO /	bis 1602 kHz	9 kHz	9 kHz		
	LW	153 kHz UP TO /	bis 252 kHz	3 kHz	3 kHz		

BLUETOOTH	
OUTPUT POWER Ausgangsleistung	4 dBm (CLASS 2)
FREQUENCY BAND Frequenzband	2.400 GHz UP TO / bis 2.4835 GHz (ISW BAND)
RANGE Reichweite	10 m (FREE SPACE) 10 m (ohne Hindernis)
STANDARD Standard	BLUETOOTH 4.2 SPECIFICATION / Spezifikation

19	REAR U FRAME / Hinterer U-Rahmen	1	SECC, T0.8
18	ANTENNA CONNECTOR / Antennenschluss	1	
17	TOP COVER / Obere Abdeckung	1	SECC, T0.5
16	HEATSINK / Kuehlkoerper	1	AL, T=2+T5 REMOVE M5
15	NEXT BUTTON / Taste	1	PC, GEN + BLK
14	PRE BUTTON / Taste	1	PC, GEN + BLK
13	DISP BUTTON / Taste	1	PC, GEN + BLK
12	SEL BUTTON / Taste	1	PC, GEN + BLK
11	BAND BUTTON / Taste	1	PC, GEN + BLK
10	SRC BUTTON / Taste	1	PC, GEN + BLK
09	NUM BUTTON / Nummerierte Taste 1	1	PC, GEN + BLK
08	NUM BUTTON / Nummerierte Taste 2	1	PC, GEN + BLK
07	NUM BUTTON / Nummerierte Taste 3	1	PC, GEN + BLK
06	NUM BUTTON / Nummerierte Taste 4	1	PC, GEN + BLK
05	NUM BUTTON / Nummerierte Taste 5	1	PC, GEN + BLK
04	NUM BUTTON / Nummerierte Taste 6	1	PC, GEN + BLK
03	AUX MODULE / Module, SOC, PJ, 40, SW-T, 10x7x14.8, THR/V, HDX	1	
02	USB COVER / Abdeckung	1	PP, GEN + BLK
01	PANEL / Front	1	ASB + PC, GEN + BLK
NO. Nr.	DESCRIPTION Beschreibung	QTY. Stk.	MATERIAL Material

KIT CONTENT / Kit-Inhalt		
PART TEIL	DESCRIPTION Beschreibung	QTY. Stk.
	BASIC RADIO Basisradio	1
	FRAME TRIM Zentrierrahmen	1
	MOUNTING FRAME METAL Montagerahmen Metall	1
	REMOVAL TOOLS Ausbauwerkzeug	2
	ANTENNA ADAPTER DIN / ISO Antennen Adapter DIN / ISO	1
	SWRC ADAPTER CABLE SWRC Adapterkabel	1
	EXTERNAL MICROPHONE CABLE (YELLOW) externes Mikrofonkabel (gelb)	1
	EXTERNAL MICROPHONE externes Mikrofon	1
	USER MANUAL Bedienungsanleitung	1

IDENT DRAWING	Ident-Zeichnung
GENERAL	Allgemein
POWER SUPPLY: 12 V (10.8 V UP TO 16 V)	Betriebsspannung: 12 V (10.8 V bis 16 V)
CURRENT STAB BY: MAX. 3 mA	Stromaufnahme Standby: max. 3 mA
CURRENT OPERATION: MAX. 10 A	Stromaufnahme Betrieb: max. 10 A
STORAGE TEMPERATURE: - 40 °C UP TO + 80 °C	Lagertemperatur: - 40 °C bis + 80 °C
OPERATING TEMPERATURE: - 30 °C UP TO + 80 °C	Betriebstemperatur: - 30 °C bis + 80 °C
NON VOLATILE MEMORY OF SETTINGS	Permanente Speicherung der Einstellungen
LOGIC ON / OFF FUNCTION	Logik On / Off - Funktion
FRONT AUX INPUT	Frontseitiger AUX - Eingang
CONNECTORS A / B / C / D / E:	Stecker A / B / C / D / E:
ISO 10487-1:1992-11-01; ISO 10487-2:1995-12-01	ISO 10487-1:1992-11-01; ISO 10487-2:1995-12-01
ANTENNA:	Antenne:
ISO 10599-1:1992-11-01; ISO 10599-2:1997-06-01	ISO 10599-1:1992-11-01; ISO 10599-2:1997-06-01
ISO 10599-2: TECHNICAL CORREKTUR 1:2005-09-01	ISO 10599-2: Technische Korrektur 1:2005-09-01
IMPEDANCE: 75 Ohm	Scheinwiderstand: 75 Ohm
CLOCK FORMAT: 12 h OR 24 h	Uhrdarstellung: 12 h oder 24 h
DESIGN	Design
CLEAR AND FUNCTIONAL DESIGN	Klares, funktionales Design
FRONT MATT BLACK (FIXED)	Front mattschwarz (nicht abnehmbar)
ORANGE ILLUMINATION	Beleuchtung: Orange
TUNER	Tuner
WORLDWIDE FM RDS TUNER / AF / TA / EON / PTY	Weltweit FM RDS-Tuner / AF / TA / EON / PTY
LW, MW AND FM WITH AST	LW, MW und UKW mit AST
6 PRESET KEYS	6 voreingestellte Tasten
FM 12, FM-AST 6, MW 6, MW-AST 6, LW 6	UKW 12, UKW-AST 6, MW 6, MW-AST 6, LW 6
RDS CLOCK	RDS-Uhr
BLUETOOTH	Bluetooth
CELL PHONE HANDS-FREE PROFILES (HSP, HFP)	Handy-Freisprech-Profil (HSP, HFP)
AUDIO STREAMING PROFILES (A2DP, AVRCP)	Audio-Streaming-Profil (A2DP, AVRCP)
INTERNAL AND EXTERNAL MICROPHONE	Internes und externes Mikrofon
USB-HOST	USB-Host
FRONT USB PORT	Frontseitiger USB Anschluss
SUPPORT OF USB 1.1 / USB 2.0	Unterstützt USB 1.1 / USB 2.0
SUPPORT OF MP3 / WMA FORMAT	Unterstützt MP3 / WMA-Format

FCC STATEMENT

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received, including interference that may cause undesired operation.

FCC ID: 2A4VAV-ACR313UBA-1VE

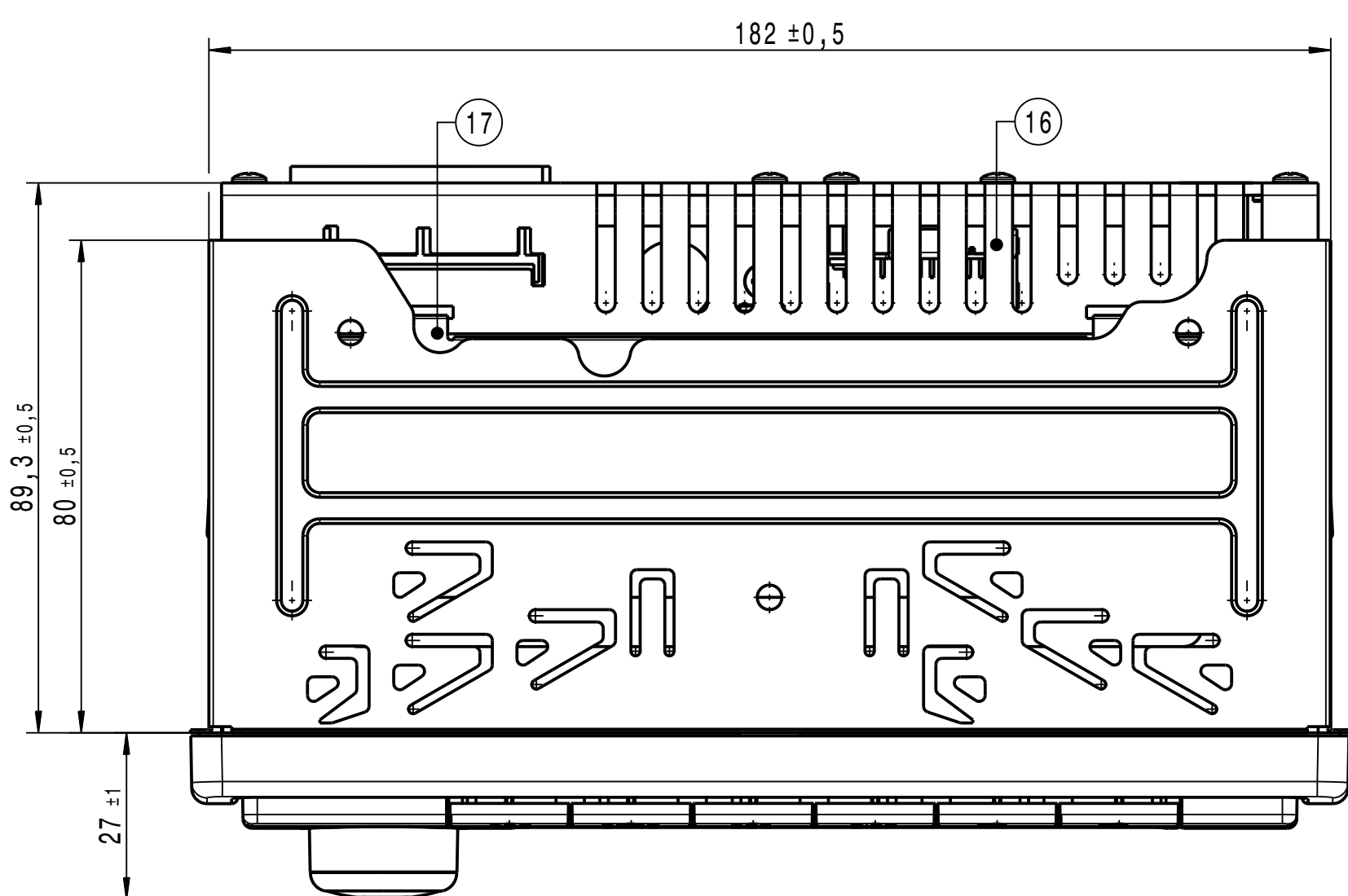
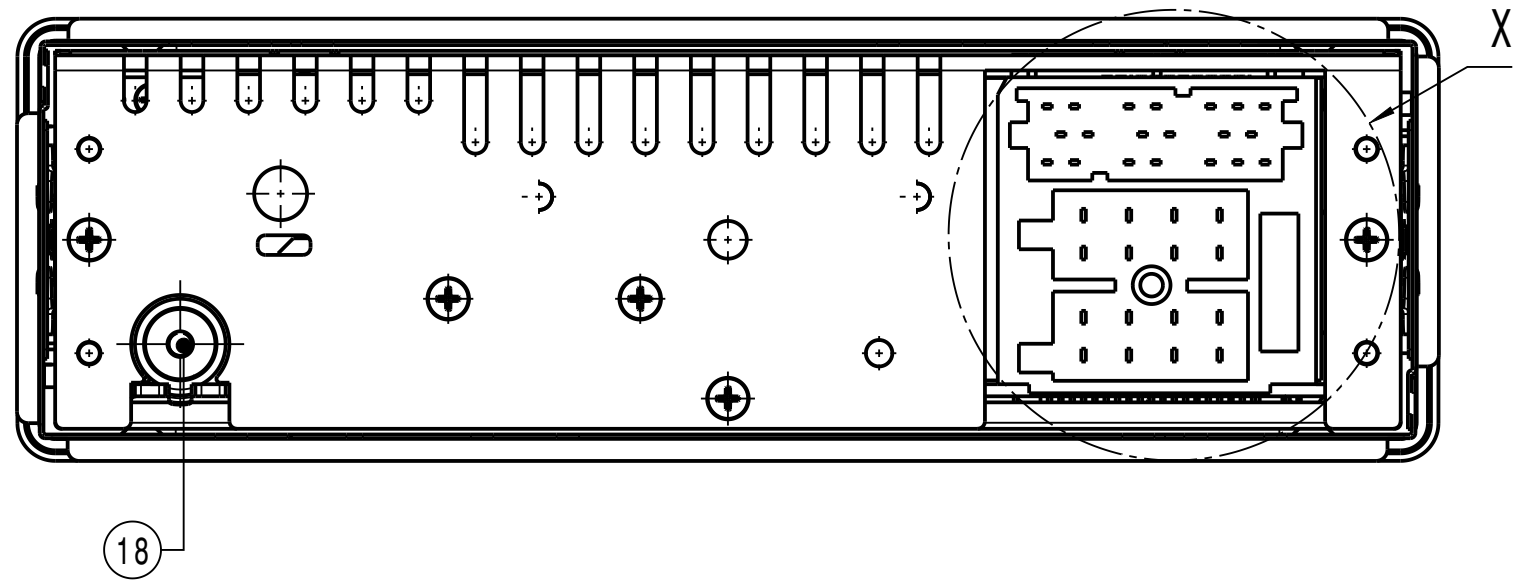
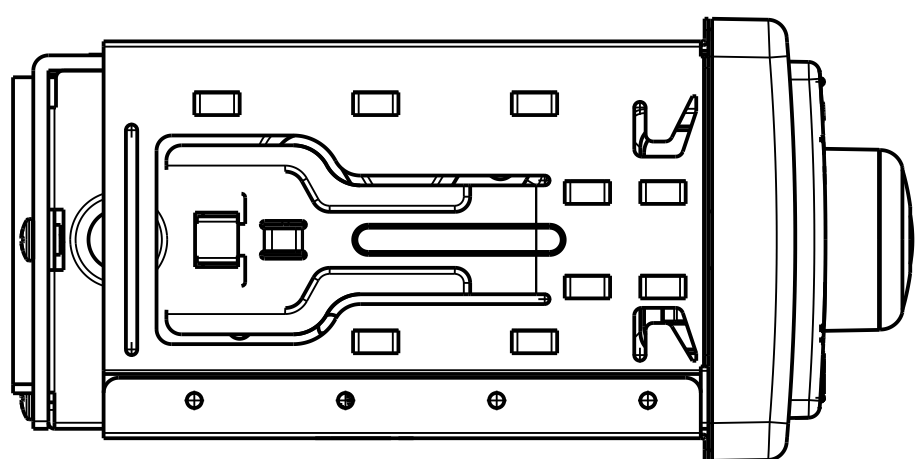
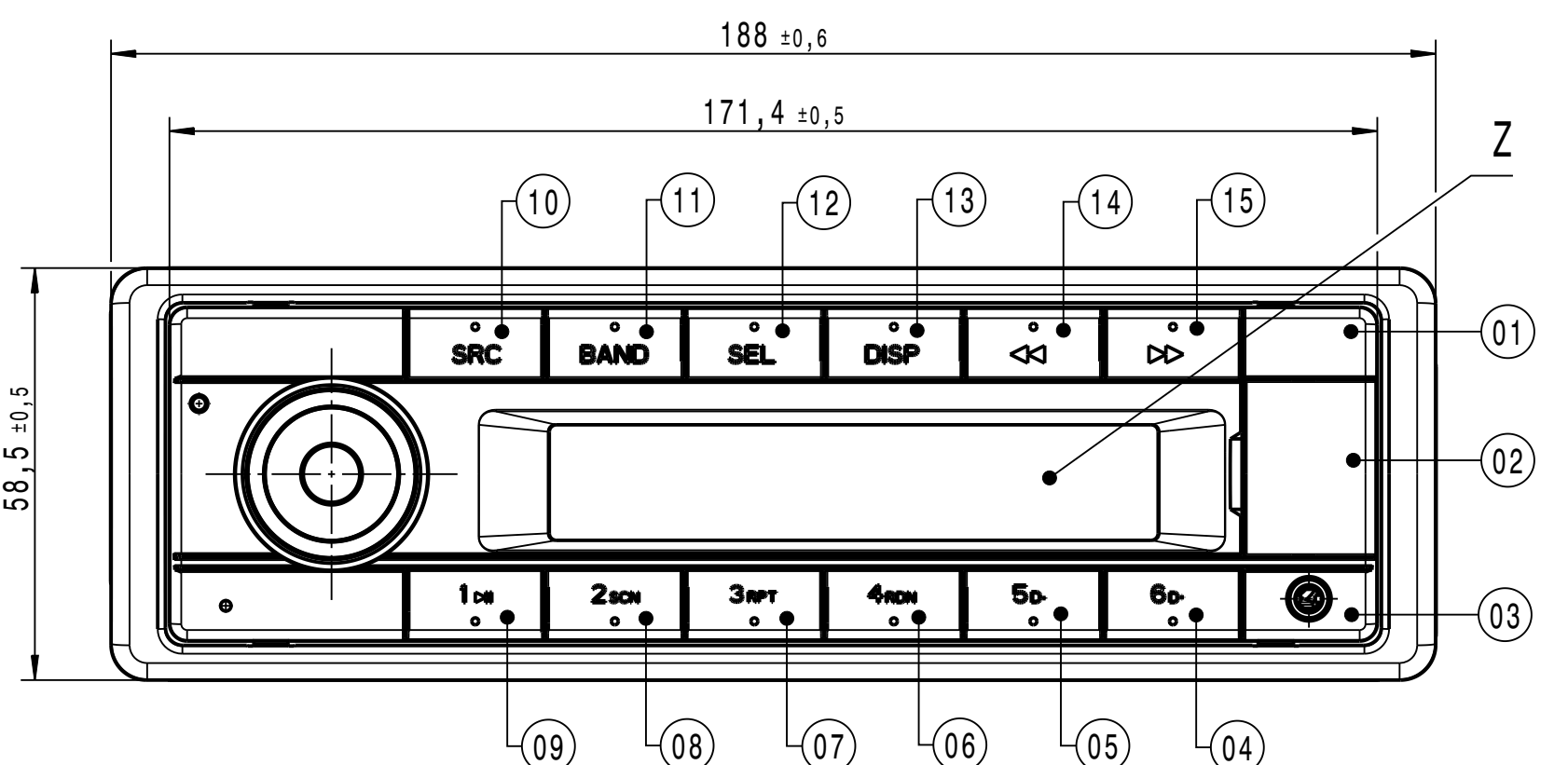
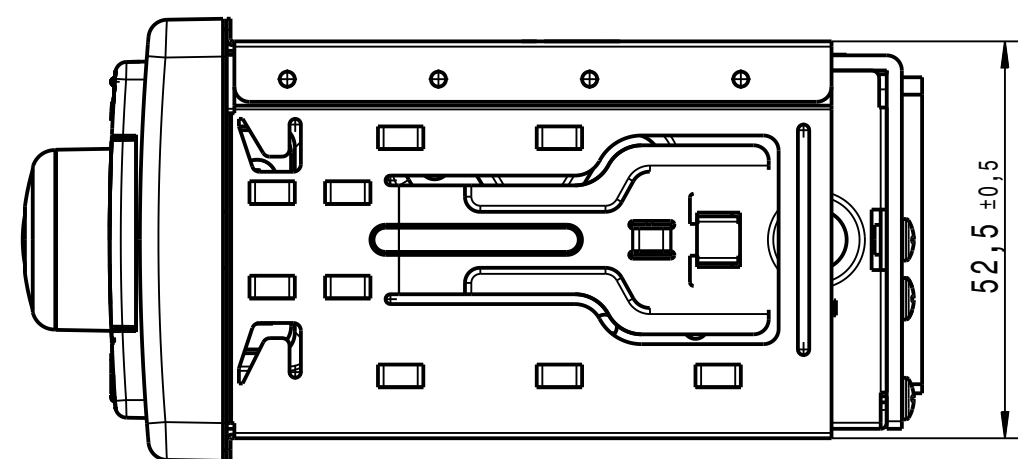
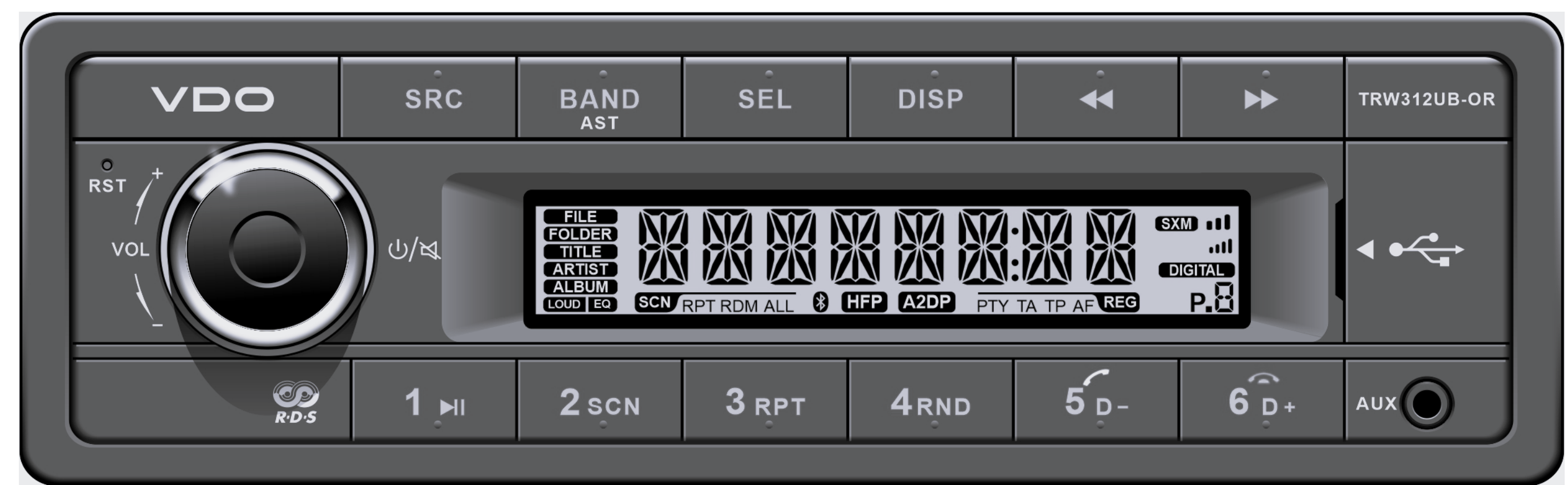
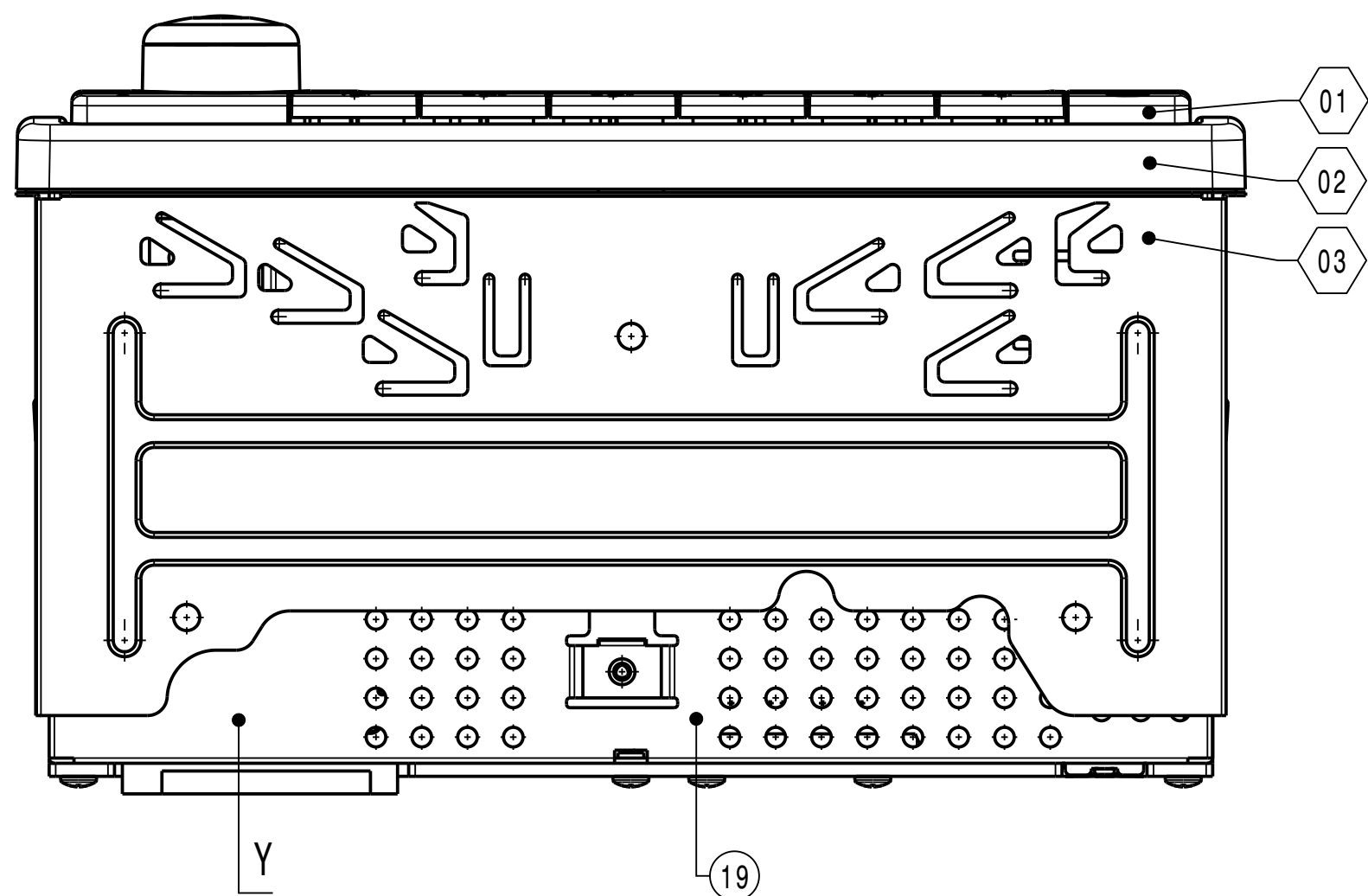
Part	Note	Part No	Note
A1	No Function	B1	Rear R+
A2	NC	B2	Rear R-
A3	Telephone Mute Low	B3	Front R+
A4	Ignition	B4	Front R-
A5	Antenna Remote	B5	Front L+
A6	Illumination	B6	Front L-
B7	Battery+	B7	Rear L+
B8	Power Ground	B8	Rear L-
C4	SWRC-GND	D1	MIC-
C6	SWRC+	D2	MIC+

12V 100mA max @ GROUND

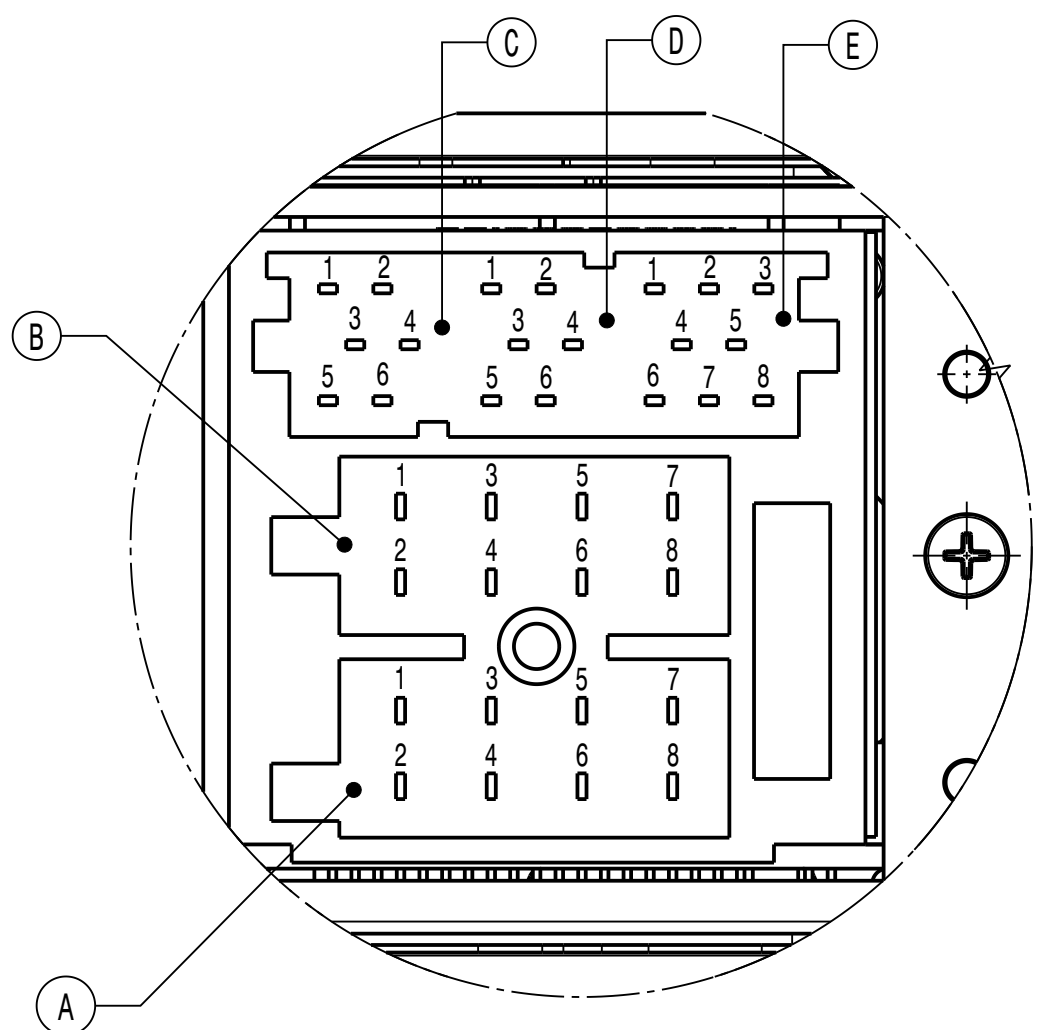
VDO

M/N: TRW31ZUB-OR
A/N: Z80110006330

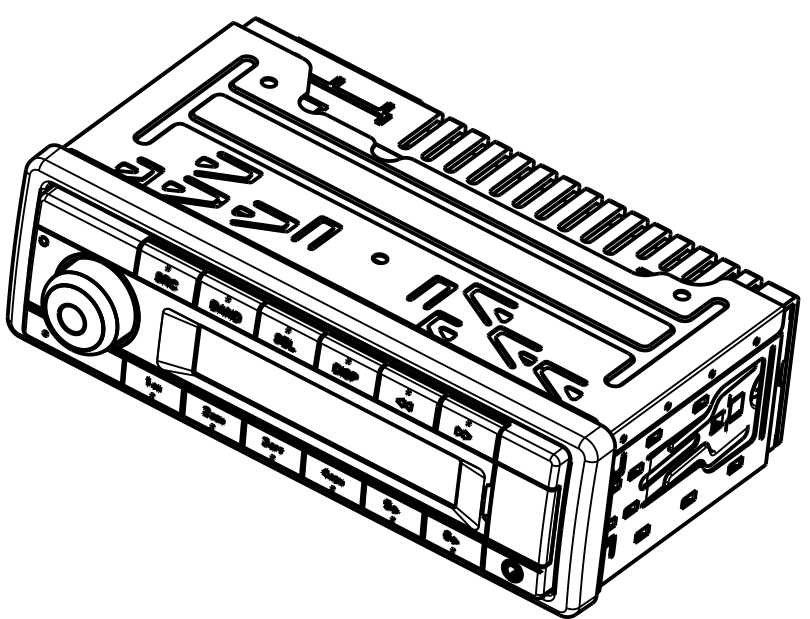
CE, E4, 10R-06 5048, UKCA, MADE IN CHINA



CONNECTOR Stecker	PIN NO. Pin Nr.	FUNCTION Funktion
8	1	REAR RIGHT + / Hinten rechts +
	2	REAR RIGHT - / Hinten rechts -
	3	FRONT RIGHT + / Vorne rechts +
	4	FRONT RIGHT - / Vorne rechts -
	5	FRONT LEFT + / Vorne links +
	6	FRONT LEFT - / Vorne links -
	7	REAR LEFT + / Hinten Links +
	8	REAR LEFT - / Hinten Links -

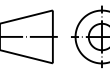


CONNECTOR Stecker	PIN NO. Pin Nr.	FUNCTION Funktion
C	1 - 3	FREE / frei
	4	SWRC GND INPUT Eingang
	5	FREE / frei
	6	SWRC + INPUT Eingang
D	1	MICROPHONE - Mikrofon -
	2	MICROPHONE + Mikrofon +
	3 - 6	FREE / frei
E	1 - 8	FREE / frei



CONNECTOR Stecker	PIN No. Pin Nr.	FUNCTION Funktion
A	1	FREE / frei
	2	FREE / frei
	3	TELEPHONE MUTE (LOW, 0 V)
	4	IGNITION + / Zündung +
	5	ANTENNA REMOTE (+ 12 V) Fernbedienungs Antenne (+ 12 V)
	6	ILLUMINATION / Beleuchtung
	7	BATTERY + / Batterie +
	8	POWER GND - / Masse -

PART NUMBER Artikelnummer	WITHOUT PACKAGING ohne Verpackung	WITH PACKAGING (1 PCS.) mit Verpackung (1 Stk.)
	2801100064300	2801100064351

AB				MASTER CHANGE, Was Continental																						
DOC.	CHANGED		ZONE	CHANGE DESCRIPTION																						
	ITEMS		IN																							
CREATED BY Wieland Voigt				DATE	2025-09-08		DEPARTMENT	A AM CSV SV PM RM TEC																		
REVIEWED BY Alban Vallant				DATE	2025-09-08		DEPARTMENT	A AM CSV SV PM RM TEC																		
APPROVED BY Wieland Voigt				DATE	2025-09-08		DEPARTMENT	A AM CSV SV PM RM TEC																		
TITLE																										
CUSTOMER DRW RADIO TRW312UB-OR																										
Kunden Drw Radio TRW312UB-OR																										
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28011000646	DRW	000	AB																							
MATERIAL						CALCULATED WEIGHT																				
SUBSTANCE						000 g/m² ± 5%																				
GENERAL TOLERANCES						TOLERANCE PRINCIPLE																				
28011000646, DRW 000						Size 10 14055																				
28011000646, DRW 000, CATPART AA-A Drawings 28011000646, DRW 000, CATPART B A Accepted																										
 DIMENSIONS IN MILLIMETERS						DATE, CLASSIFICATION LEVEL / COMPLIANCE QUALITY LEVEL PUBLIC																				
CAD SYSTEM CATIA V 8.02						© Aumovio SE and subsidiaries 2025		SCALE 1:1 PAGE 1 of 1																		
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