

CAR MULTIMEDIA SAO PAULO 450



Order Number
1 011 000 018 335

Highlights

- **Radio**
AM/FM Tuner
- **Display**
Large 7" digital TFT touch screen display (800 x 480 pixels)
- **Data carrier**
Front USB (Standard A-type)
microSDHC
- **Media player**
Audio and Video from USB/microSDHC
- **Bluetooth**
Built-in Bluetooth for hands-free calling,
phone book upload and audio streaming
Built-in microphone
- **Inputs / Outputs**
AV-Input
Rear view camera input
Steering Wheel Control input
- **Equalizer / Amplifier**
2-band graphic equalizer
4 x 40 Watt Max. power

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RADIO

Type of tuner	Analog
World tuner (switchable)	Europe, Americas, Japan
Wave bands	AM1, 2 / FM 1, 2, 3
Search via frequency	Yes
Station memory	30
Sensitivity	lo/dx
Frequency response (Hz) -3dB	30 – 15.000

DISPLAY

Technology	Digital
Type	TFT
Screen size	7"
Resolution	800 x 480 pixels
Touchscreen	Yes
Brightness adjustable	Yes
Clock display	24 / 12 hours
Date display	Yes
Radio system languages	English (British), Spanish, Portuguese and more (around 10 languages)

DATA CARRIER

Frequency response (Hz) -3dB	20 – 20.000
USB-removable storage	USB 3.0 compatible
Memory cards	microSDHC (up to 128 GB), microSD
Formatting	USB, SDHC, SD FAT, FAT 16, FAT 32

ANDROID SMARTPHONE CONNECTION

Type	USB (Developer Mode)
Mirroring	Yes
Control	Yes

IOS (APPLE) SMARTPHONE CONNECTION

Type	USB (AirPlay)
Mirroring	Yes (up to iPhone 8)

MEDIA PLAYER

Video playback formats	MP4/MPEG/AVI/MKV/FLV
Picture playback formats	JPEG, JPG, PNG
Audio formats	USB, microSD MP3, WMA, WAV
MP3 Title display	ID3-tag (versions 1 and 2), file/folder names
MP3 folder/file browsing	Yes (w/o track interruption)
Mix	Yes (all, folder)
Repeat	Yes (all, folder, track)
Fast forward / fast rewind	Yes
Number of files	up to 5.000 on MSD
Bit rate MP3	32 – 320 kBit/s
Bit rate WMA	32 – 192 kBit/s
Variable bit rates	Yes

BLUETOOTH

Supported version	Bluetooth 5.0
Supported profiles	HFP, PBAP, A2DP
Audio streaming	Yes
Pairing (number of devices)	1
Pairing code	1234 (default, changeable)
Hands-free calling	via micro + radio speakers
Microphone	Built-in
Key functions	accept / hang up / reject call
Phone book access	Yes (up to 200 entries by phone)
History call lists	Yes (missed, dialled, received calls)

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EQUALIZER

Number of bands	2
Model	graphic
Type	analogue
Sound presets	Rock, pop, classic, jazz, user
Balance / fader	Yes / Yes (+/- 20 steps)
Source specific volume	USB, SDHC, Radio, Bluetooth, Aux-In

AMPLIFIER

Number of channels	2
Max. power	4 x 40 Watt
Sinus power at 14.4 V	4 x 25 Watt

INPUTS

Antenna	1 (Radio)
USB	Front USB (standard A-type)
Memory card reader	1 (microSDHC/SD)
IR Remote Control	Yes (RC included)
Audio / Video (analogue)	Rear Audio Video (RCA, 0,5V) Front Aux-IN (Jack 3,5mm)
Rear view camera	Yes
Reverse gear	Yes
Handbrake	Yes
Steering wheel remote control	Yes (SWC, rear, analogue, open wire, programmable via menu)
Power supply	Yes (cable set with ISO)

OUTPUTS

Video out	2
Video outsources	USB and SDHC
4-channel preamp out	(2-channel)
Subwoofer	1
Audio channels	4

GENERAL

Installation	2-DIN slot
Operating voltage	10,8 – 16V
Weight	ca. 1,20 kg
Depth (incl. panel + connector)	ca. 85,0 mm
Depth (installation depth)	80 mm
Width	178 mm
Height	102 mm
Front panel	fixed
Colour	black
Illumination	Keys + Encoder: 7 colours selectable

ACCESSORIES INCLUDED IN DELIVERY

User manual	Yes 3 languages: English, Spanish, Portuguese
IR Remote Control	Yes
Mounting frame	Yes
Mounting material	Yes
Connector cable sets	Yes Power (cable set with ISO A) Yes Speakers (cable set with ISO B) Yes Reverse, brake, P-control (cable) Yes SWC (open wire)
Fixed rear pigtail cables	Yes Pre-out Yes Audio Video-IN Yes Rear Camera-IN