



supraGuide
DIVA 5.0

High-End
Multimedia guide

supraGuide DIVA 5.0



Technical specifications

Dimensions

Dimensions (HxWxD) 165mm x 80mm x 8,5mm

Weight approx. 200gr

Colour Titanium silver

System

CPU QUALCOMM SDM685; Cortex-4xA73@2.8GHz,4xA53@1.9GHz 6nm

GPU Adreno 512 GPU, OpenGL ES 3.2, OpenCL 2.0 full

OS Android 15

Audio

Audio 1 Multitrack Playback via Qualcomm SDM685

Audio 2 IC for live audio and mixing audio signals

Memory

Flash + RAM 128GB + 6GB RAM

Modules & Sensors

Integrated sensors Acceleration sensor, gyroscope, ambient light sensor and proximity sensor, electronic compass

GPS GPS, GLONASS, Baidou

Display

Size 6.3" Full HD

Resolution 2.340 x 1.080 pixels

Aspect ratio Ratio 19:9

Touch Incell IPS display

Interface Type MIPI

Touch panel PANDA Glass 2,5D 9H

Camera

Back camera	50 MP + 0.3 MP CMOS dual camera, 2 tone LED flash with autofocus
Front camera	8 MP CMOS with autofocus

Interfaces

BT	Support BT5.1 (BR/EDR+BLE, A2DP)
WIFI	Support, 2.4G & 5G Wi-Fi, a/b/g/n/ac
GPS	Support GPS, GLONASS, Beidou
Loudspeaker	Support, 1.0~1.2W
Audio PA	AW87339
Microphone	Dual MIC (SMT)
Data interface	Pogo Pin *2 (backside 9 pins)
Jack socket	3.5mm CTIA for headphones and headset mics
NFC	Yes
RTC	Real Time Clock, independent of the network
IR	Infrared interface for precise control or LBS
RF 1, SRD	Data communication via RF 868-870 MHz SRD
RF 2, Audio	Tour guide mode: digital audio via RF: 823-832 MHz and 863-865 MHz with very low latency
RF Chip	Silicon Labs SI4464 or SI4467
Indoor navigation	Supported with Bluetooth 5.1 / CTE

Available frequencies for tour guide

823,000 - 832,000 MHz	up to 45 channels at 0.20 MHz spacing
863,000 - 865,000 MHz	up to 10 channels at 0.20 MHz spacing
823,000 - 832,000 MHz	Up to 36 channels at 0.25 MHz spacing
863,000 - 865,000 MHz	up to 8 channels at 0.25 MHz spacing
823,000 - 832,000 MHz	up to 18 channels at 0.50 MHz spacing
863,000 - 865,000 MHz	up to 4 channels at 0.50 MHz spacing

Loading & operation

Battery	Lithium polymer
Capacity	3.500mAh
PMIC	Qualcomm Power Management IC for up to 15% more charging cycles!
Operating time	approx. 16 hours
Power interface	USB-C; IP67; life span 20.000
Quick charge function	Support 9V/2A
Temperature range	Can be used from -5° to +40°C
Storage temperature	Recommend from 10°C to max. 30°C, to prevent defective batteries; active exhaust air if the system is to be charged and stored in closed cabinets, drawers or counters via the supraCharger II DIVA charging station. For specifications, see supraCharger II DIVA data sheet
Waterproof	IP65
Alarm	Integrated alarm buzzer (>90dB) in use with tonwelt triggerPoints
Indicator LED	3-colour LED to indicate the charge status

Accessories

	Protective cover (mandatory)
	9H protective glass
	various mono or stereo headphones
	Headset microphone for group tours
	various lanyards
Compatibility	triggerPoint XS, S, M, L, triggerPoint 4.0, RFB3, RFB5, supraHub
Content update	via supraCharger II DIVA + supraCMS

Certificates

Certificates	CE/BQB/RoHS/WEEE/UN38.3/MSDS/IEC 62133
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Status 09/2025. Product-specific changes and
discrepancies are possible.