

DEVA

SKI RESORTS





DEVA

DEVA is a multifunctional audio/video device that enables audio messaging and video acquisition. It is equipped with various sensors, such as microphone, presence sensor and accessories such as the LED light. The optimized power consumption allows days of autonomy thanks to its internal rechargeable battery.

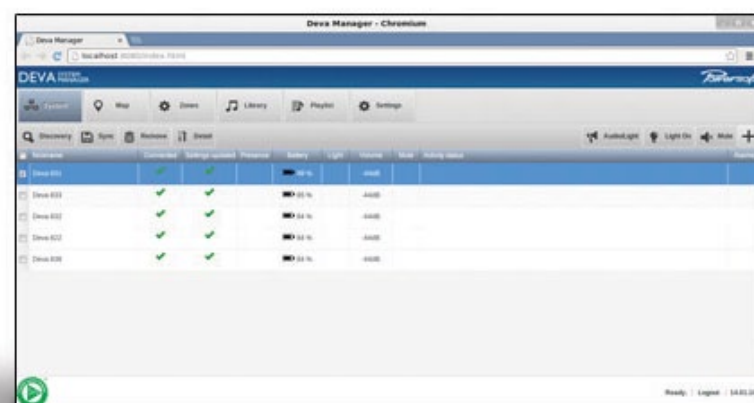
Easy to install and configure, DEVA finds its natural place in the mountain, also thanks to its weather-resistant case.

MAIN CHARACTERISTICS

- ▶ Multifunctional audio/video device
- ▶ Data communication
 - ✓ short range: wireless (Wi-Fi) or cabled (Ethernet)
 - ✓ long range: GSM/GPRS, or UMTS
- ▶ Sensors: GPS, microphone, presence, SOS button
- ▶ LED light
- ▶ Days of battery autonomy, via rechargeable battery and solar panel
- ▶ Virtually zero installation costs
- ▶ Weather-resistant for permanent outdoor use

CONTROL SOFTWARE

- ▶ Remote control for custom configuration and tasks
- ▶ Management of single units and/or in groups
- ▶ Scheduled tasks
- ▶ On-event activation and real-time monitoring and control
- ▶ Management of alarm states



The meetings points that are usually situated at both ends of ski lifts and ropeways are ideal for installing **DEVA** units: the units can play background music, news, adverts and weather bulletins. Moreover DEVA can amplify the wireless microphone supplied to the Ski Instructor who will be able to gather the participants to the skiing lesson.

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MEETING POINTS

- ▶ Background music
- ▶ Ads
- ▶ Weather
- ▶ News
- ▶ Real-time communication

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SKI LIFTS



- ▶ Background music
- ▶ Ads
- ▶ Weather
- ▶ Service and emergency announcements

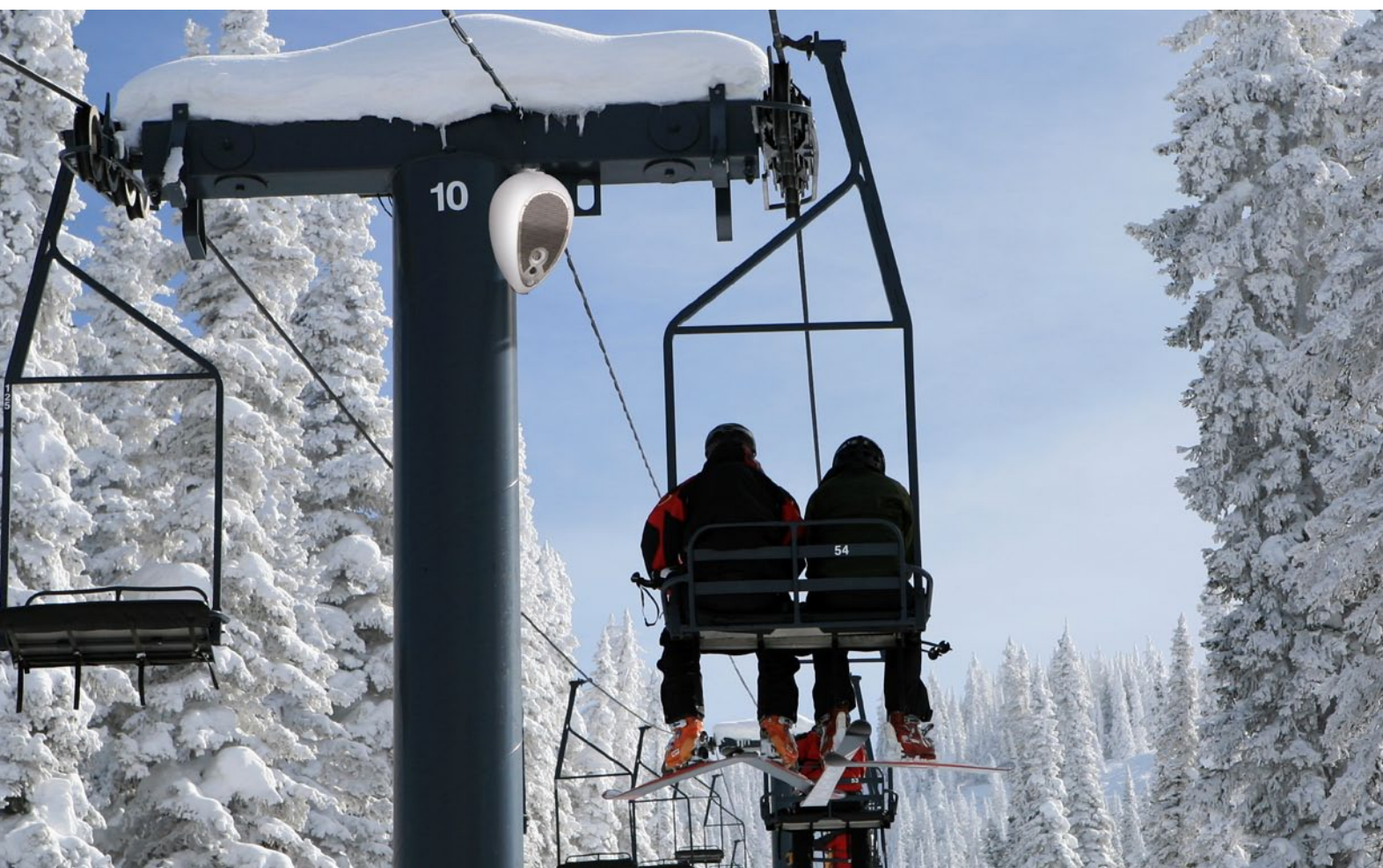
The device can be installed along the ropeway paths without the need of cabling and it can play background music as well as announcements.



DEVA can be installed at the edges of the ski slope, effectively becoming an SOS point. Thanks to the microphone and the camera the unit allows skiers to talk in real time with the control room to request a rescue intervention or to communicate possible dangers on the ski slopes.

The presence sensor and the camera will act as a deterrent against improper use.

DEVA can also play background music, weather forecasts and service announcements.



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SOS COLUMNS



- ▶ Background/ambient music
- ▶ Rescue request
- ▶ Communication: emergency/evac
- ▶ Announcements to find skiers



DEVA can operate in outdoor spaces in front of mountain huts without power or data cables. The unit is able to play background music and announcements.



TECHNICAL SPECIFICATIONS

Audio		
	Sources	Streaming from remote microphone Playback from internal SD card Playback from USB key FM receiver
	Interface Module	1 x 8" wide-range loudspeaker
	Frequency response	100 Hz - 16 kHz +/-3dB
	Max sound pressure level	115 dB/m
	Amplifier	Highly efficient Powersoft Class D circuitry
	Memory	4 GB SD Card; remotely manageable playlist
Lightning		
	LED	High-power white LED, appr. 540 lm, appr. 35° coverage, dimmable
Photo e Video		
	Photo resolution	720 x 576 pixels
	Video resolution	320 x 240 pixels 10 fps (opzionale)
Power Management		
	Power supply	35 - 50 W / 18 V External solar panel
	and/or	PoE, PoE+, via RJ45
	and/or	18V 10W external power supply
	Battery	Standard sealed battery 12Ah 12V
	Min. light for solar charging	50 W/m² , AM1.5
	Operating times (without recharging)	Stand-by: more than 14 days. Audio: appr. 50 hours. Light appr. 20 hours
Communication		
	Wireless	WiFi - Standard IEEE 802.11 a,b,g,n,d, 2.4 and 5 GHz Bluetooth
	Wired	Ethernet 100 Mbit/s, PoE, via internal RJ45 port. USB 2.0, via internal port
	Long range connection	GSM/GPRS/UMTS
Sensors		
	Presence	Infrared
	Other sensors	SOS button (optional)
	Localization	High sensitivity GPS module
Auxiliary Interfaces		
	Input / Output	1 x auxiliary power audio output 1 x line input 1 x RS485 1 x general purpose digital input 1 x output
GUI		
	Web Browser	On-board web server for mobile clients via Wi-Fi connection
Hardware		
	Case	Weather-resistant IP65 plastic case Operating temperature from -20 to +70 C° (-4 +158 F°)
	Dimensions and weight	(L x P x H) 300 x 300 x 450 mm / 11.81 x 11.81 x 17.71 in (appr.) 10 kg / 22 lb
Accessories		
	Control software	DSM: PC software for multi-DEVA network management system (multi-zone assignment, multi levels users and authentication, alarms and events management,...)
	Solar panel	35 W or 50 W
	Mounting	Wall or pole; steel; freely adjustable within a wide range



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