

## Diatonic playback accordion: technical characteristics



Diatonic playback model



**Content:** Composite model of diatonic accordion in the kit.

It consists of a MP3 player, graphic display, audio speakers, switches and battery. The kit also included the associated battery charger. Stereo speakers and high quality MP3 recordings to create a realistic sound diatonic accordion. Due to the modular structure of components, can kit easily be assembled into all models of accordions.



MP3 player

**Features:** Independent Player

- playing MPEG-1.0 & 2.0 audio layer III (CBR, VBR, ABR
- up to 320Kb bitrate
- bass and treble-control
- SD card up to 4GB
- OS can be downloaded from the card
- VS1011 MP3 decoder-top-sound, no errors among stereo channels
- graphic LCD-TFT 128x128 4096 colors
- background pictures, graphic, bmp for various models
- battery-powered, ridiculously low power consumption
- PCA (power switch suply) nap.reg.z high efficiency up to 95%
- installation in an existing product, active speaker, loudspeaker system or similar, slovenian-product of our own knowledge

**Application:** Desktop modular-multi player, assembly in accordion, toys or car stereo unit assembly

**Components:**



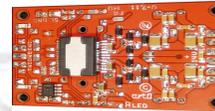
Connectors for modular components assembly



Aku power supply 12V/4.3A



Charger 12V/300mA



Power end supply 2x25W

**Features:** AMP225T The smallest amp in the world in this power range . Weight 17 gr.

- Excellent sound
- Single 12V supply Operation (max 14.7V). Stabilized power not required
- Works very well of a 12V battery
- Typically 0,05% THD+N @ 2x13W 4Ω,14,5V
- 2x25W @ 4Ω, 1% THD+N
- 2x14W @ 4Ω, 1% THD+N
- High Efficiency88%@13,5W 8Ω, 81%@25W 4Ω
- Dynamic Range=100dB
- High power supply rejection ratio
- Current,temperature protection,turn on pop suppression

Size comparison with the human finger

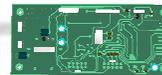


Speaker TFDC501-2 alu pro

**Features:** Speaker for playback ,stereo 2 pcs

- maximum power 35Wrms
- Impedance 4Ω
- 92dB sensitivity
- resonance frequency of 80Hz
- frequency range of 80Hz-20000Hz
- rate R130mm
- Weight 274g

**Innovative tehnology:**



Devices are manufactured in state of the art manufacturing circuits, having several layers and used the SMD technology.



Innovation is embedded function buttons allows comfortable typing without the potential errors