

Product series: FC100  
Product model: FC102-160-PEITEL1

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Document: Technical specification

Product description: Desktop adapter for Motorola mobile radio (MTM5000, DM4000) with 160 W power supply, Pb acid battery, speaker and desktop microphone

**POWER SUPPLY:**

Input voltage: 90 – 264 VAC  
Frequency range: 47 – 63 Hz  
Efficiency (typ): 88 %  
AC current (230 VAC): 1,5 A  
  
Output voltage: 13,80 VDC (adj. 12 – 15 VDC)  
Output current: 11,60 A  
Overload: 105 – 150 % rated power  
Protection: overload, overvoltage,  
battery cut off

**BATTERY (not included):**

Nominal voltage: 12 V  
Type: lead acid battery  
Dimensions LxWxH: 151 x 65 x 94 mm, tolerance  $\pm 2$  mm  
Battery connection: 2 x 4,8 mm faston

**MICROPHONE (not included):**

Brand and model: pei tel PS12  
Product number: xx xxxx xxxxxxxx  
Connector: 4 pin plug CONNFLY DS1110-01-4B6

**SPEAKER:**

Brand and model: pei tel KL14  
Frequency range: 0,5 – 8 kHz @ -10 dB  
Rated power: 4 W  
Maximum power: 6 W  
Impedance: 4  $\Omega$

**OUTSIDE CONNECTORS:**

Antenna: N (f)  
AC supply: IEC C14  
Protective earth: M8  
Microphone: 4 pin socket CONNFLY DS1110-01-4B6

**INSIDE CONNECTORS:**

Antenna: cable with BNC (m)  
DC supply: Terminal block 2 x 26 - 10 AWG  
Accessory: 1516174H01 (Motorola)  
(microphone, speaker, PTT)  
Battery: cable with 2 x 4,8 mm faston

**RADIO INSTALLATION:**

Hole dimensions: 182 x 53 mm  
Standard: ISO7736 / DIN75490  
Suitable kits: PMLN5094 / RLN6465

**OPTICAL INDICATIONS:**

Type: mono color LEDs on front panel  
Green: AC power ON  
Red: Battery LOW (Ub < 11,0 V)

**DIMENSIONS:**

LxWxH: 21 x 30 x 11,5 cm without radio  
and connectors  
Weight: aprox. 5,0 kg without battery,  
without radio

**TEMPERATURE AND HUMIDITY RANGE:**

Operating: -15°C to 40°C  
Storage: -15°C to 40°C  
Humidity: 20 – 90 %

**COMPATIBLE RADIOS:**

Models: MTM5000 and DM4000 series

**WARRANTY:**

2 years