

KENWOOD

Listen to the Future



KVC-18

D.C. Vehicular Charger

COMPATIBILITY

- TK-2180/3180 Portables (all models)
- TK-5210/5310 Portables (all models)
- Charges NiCD & NiMH Only*

GENERAL FEATURES

- Heavy Duty Drop-In D.C. Vehicle Charger
- Charge/Trickle/Repeat LED Indicators
- Vehicular Repeater On/Off Switch
- Vehicular Man-Out Output
- Spring-Tension Charge Well
- Portable Safety Strap
- KMC-25/26 Compatible
- Adjustable Mounting Bracket



* Charges KNB-31A NiCD, KNB-32N / KNB-41NC NiMH only.
Does NOT charge KNB-33L Li-ion packs.

Technical Specifications

Model	KVC-18
GENERAL	
Portable Radio Compatibility	TK-2180/3180 (all models) TK-5210/5310 (all models)
Rapid Charge Cycle & Usage	2.5 Hours (Typical)* * Depends on battery chemistry, capacity, initial charge & temperature
Input Voltage	11.0 to 15.0 VDC Negative Ground 13.8 VDC Nominal, 1.0A Nominal
Current Drain	35 mA in Standby Mode
Current Charge Rate	1000 mA Rapid Charge (RED LED) 65 mA Trickle Charge (GREEN LED)
Battery Chemistry	Charges KNB-31A NiCD, KNB-32N / KNB-41NC NiMH only. Does NOT charge KNB-33L Li Ion or any other Li Ion packs.
Size	3.7"W x 3.7"H x 5.3"D (excluding protrusions)
Weight	2 lbs.
Operating Temperature	-30°C to +65°C (-2°F to +149°F)
Charge Temperature	+15°C to +40°C (59°F to +104°F) Note: Per most manufacturer specifications, NiCd cells should not be charged at temperatures lower than +5°C and higher than +45°C.
Accessory Connector Pin Outs (Pin numbers are molded into the accessory plug)	Pin 1: (RED) – A+ Battery Positive Pin 2: (WHITE) – Repeater Control Output (RPTR ON = active LOW (8 Ω nominal) Pin 3: N.C. Pin 4: Yellow Ignition Sense (or tie to A+) Pin 5: N.C. Pin 6: (BLACK) – Battery Negative or Chassis Negative Ground
Fuse	Red A+ lead (2A) Yellow Ignition Sense (200 mA)
Speaker/Microphones:	KMC-25, KMC-26 compatible
Included Accessories	Instruction Sheet, D.C. power cable, adjustable mounting bracket, 2 hex-head bracket-to-charger well screws (hardware to secure the bracket to a vehicle surface is not included).

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