



ELECTRONIC TUBE REFERENCE

ECC82EH

Voltage - Dual Triode (similar) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS

CONSTRUCTION

TRIODE-TRIODE

Modern ECC82-family medium-mu twin triode intended for general audio and voltage-amplifier service, including phase-inverter, driver, and control applications.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	9
NOMINAL HEATER	12.6 V / 162.5 mA	PARALLEL HEATER	6.3 V / 325 mA
HEATING	Indirect	SERIES OPERATION	Capable
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.00235 S
AMPLIFICATION FACTOR	13
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2.75 W
MAXIMUM CATHODE CURRENT	20 mA
Representative section for two electrically identical triodes.	

SECTION2 Triode	
TRANSCONDUCTANCE	0.00235 S
AMPLIFICATION FACTOR	13
MAXIMUM PLATE VOLTAGE	300 V
MAXIMUM PLATE DISSIPATION	2.75 W
MAXIMUM CATHODE CURRENT	20 mA
<i>Second physical triode restored.</i>	

Miniature twin triode for low-frequency voltage amplification; source co-designates 12AU7A.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

2026 Electro Harmonix Gold

Published test conditions and operating points. Values on this page are preserved as reported by this source.

2026 ELECTRO HARMONIX GOLD

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Current	7.5–13.5 mA	Plate 250 V; Grid -8.5 V

TUBE TINKER

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and their source documents.

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