

ELECTRONIC TUBE REFERENCE

E414

Voltage - Triode (single) electronic tube

CONSOLIDATED TECHNICAL DATA
1 SECTION
CONSTRUCTION
TRIODE

Low-microphony triode intended especially for transformer-coupled microphone amplification.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	4 V / 900 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	7000 Ω
TRANSCONDUCTANCE	0.002 S
AMPLIFICATION FACTOR	14
MAXIMUM PLATE VOLTAGE	150 V
Low-microphony triode intended especially for transformer-coupled microphone amplification	

E414 is a low-microphony triode intended especially for transformer-coupled microphone amplification. The supplied Philips datasheet was read for heater data, construction, ratings, characteristic constants, operating conditions, and capacitances where published.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Normal plate current	6 mA	V _a =150V
Grid bias	-6 V	V _a =150V