



ELECTRONIC TUBE REFERENCE

6CA10

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Duodecal indirectly heated triode designed for audio power-amplifier service, with low plate resistance and published Class A and Class AB1 operating conditions.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	12
NOMINAL HEATER	6.3 V / 1.5 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	620 Ω
TRANSCONDUCTANCE	0.014 S
AMPLIFICATION FACTOR	8
MAXIMUM PLATE VOLTAGE	900 V
MAXIMUM PLATE DISSIPATION	30 W
MAXIMUM CATHODE CURRENT	200 mA
<i>Audio power triode; maximum and static-characteristic values promoted from the printed sheet.</i>	

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SOURCE OPERATING CONDITIONS

1961 Matsushita

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

1961 MATSUSHITA

Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Static plate voltage	250 V	—
Static grid voltage	-22 V	—
Static plate current	80 mA	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate current	—200 mA	—
Class A output power	6 W	ClassA
Class AB1 push-pull output power	34 W	ClassAB,PushPull,TwoTubes

TUBE TINKER

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and their source documents.

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