

ELECTRONIC TUBE REFERENCE

DCH11

Voltage - Triode (with diode, heptode or hexode) electronic tube

CONSOLIDATED TECHNICAL DATA

2 SECTIONS
CONSTRUCTION
HEXODE-TRIODE

Directly heated battery triode-hexode for superheterodyne frequency-changing service. The triode functions as local oscillator while the hexode provides mixing, with a low-consumption filament designed for portable battery radio receivers.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	1.2 V / 75 mA	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Dissimilar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.001 S
Oscillator triode section.	
SECTION2 Hexode	
PLATE RESISTANCE	1000000 Ω
Mixer hexode section.	

The Telefunken DCH11 is a directly heated battery triode-hexode for controllable mixer and oscillator service.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

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

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Section 1 · Triode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	90 V	—
Oscillation Transconductance	1000 μ S	—

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Section 2 · Hexode

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate Voltage	120 V	—
Screen Voltage	60 V	—
Conversion Transconductance	300 μ S	—