

Texas Star DX1600V

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This amplifier introduced in February 2006.
It has 2 x 2SC2879 transistors driving 8 x 2SC2879 transistors

Front Panel Controls

POWER (On and Off)

DRIVER (Driver Only)

FINALS (Finals Only)

NOTE: When both switches are in, you are running the Driver and Finals

REC AMP (Preamp to amplify receive)

Variable Power Control (Only in Driver or Driver + Finals)



Rear Panel Controls

DLY Switch (SSB Delay Switch)

FAN Switch (ON constant or automatic thermal control)

Jacks (Rear Panel)

Key (for use as a CW Transmitter)

RADIO (RF Input)

ANT (RF Output)

FAN (Fan Kit power or Remote Control)

NOTE: The Mode of the FAN Jack is controlled by a switch on the Driver PCB inside the Amp.
(You can set it for Remote or Fan but Not Both)

Power Chart	Input	Min. Output	Max. Output
Driver Only Two 2SC2879 Transistors	4 Watts	4 watts @ 4 Amps	50 watts @ 15 Amps
	8 Watts	8.5 watts @ 6 Amps	115 watts @ 22 Amps
	16 Watts	17 watts @ 9 Amps	200 watts @ 30 Amps
	32 Watts	35 watts @ 13 Amps	300 watts @ 36 Amps

	Input	Min. Output	Max. Output
Finals Only Eight 2SC2879 Transistors	4 Watts	N/A	200 watts @ 55 Amps
	8 Watts	N/A	400 watts @ 77 Amps
	16 Watts	N/A	750 watts @ 103 Amps
	32 Watts	N/A	1050 watts @ 124 Amps
	64 Watts	N/A	1350 watts @ 144 Amps
	100 Watts	N/A	1500 watts @ 155 Amps
	128 Watts	N/A	1550 watts @ 161 Amps
	150 Watts	N/A	1600 watts @ 168 Amps

	Input	Min. Output	Max. Output
Driver + Finals All Ten Transistors	2 Watts	50 watts @ 30 Amps	1000 watts @ 130 Amps
	4 Watts	160 watts @ 54 Amps	1300 watts @ 158 Amps
	8 Watts	375 watts @ 80 Amps	1500 watts @ 180 Amps
	10 Watts	450 watts @ 90 Amps	1525 watts @ 185 Amps
	12 Watts	575 watts @ 100 Amps	1550 watts @ 190 Amps
	16 Watts	750 watts @ 113 Amps	1600 watts @ 200 Amps

Automatic thermal shutdown switches to protect amplifier from overheating (driver or final).

There is fan kit that can replace the bottom cover, which covers the heatsink.

Remote:

Uses the same remote used for the DX1200 / DX1600.

For more information go to <http://www.cbtricks.com>

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