12Watt amplifier, by ON1DHT

Max peak output power at 14v is 12Watt over 2 Ohm speaker
I = 30mA in stand-by, 4A at peak max. power
Frequency pass = 30Hz...25kHz
Ri=25 kOhm aprox.
Don't forget to cool IC TDA1020!

Tip:
- Pin 7 is the output of the build-in pre-amp and is connected via pin 6 to the input of the power amp. So you can use the connection between pin 7 and 6 (220nF) to limit the bandpass frequencies by using a low, high or bandpass audio filter. The impedance of the power amp is around 25Ω.
- You can also use pin 7 (the output of the pre-amp) and mount a connector on your box to put the pre-amp audio out.
- You can remove the 220n capacitor and use pin 6 as the input if you don't need the amplification of the build-in pre-amp. If so, then short pin 8 to the ground.

http://users.skynet.be/on1dht