High level converter
This converter is designed for use with head units in cars without RCA low level output from the head unit. Most modern car amplifiers are equipped with high level inputs and these work OK with older factory radios but often will not work with modern head units especially if they have digital output chips. This converter is designed to work with all head units thanks to fully balanced input circuits.

Note: If using in 2 channel mode channels 1 & 2 must be connected for the signal sensing circuit to function.

RCA output to amp:
- Channel 1, Left
- Channel 2, Right
- Channel 3, Left
- Channel 4, Right

Input ch. 1, Left + : white
Input ch. 2, Right + : grey
Input ch. 3, Left + : green
Input ch. 4, Right + : purple

Input ch. 1, Left - : white / black
Input ch. 2, Right - : grey/black
Input ch. 3, Left - : green / black
Input ch. 4, Right - : purple / black

Sensing mode jumper
The jumper can be in position Audio (upper position) or DC mode (lower position).
In Audio mode the amplifier starts when audio signal appears on channel 1 input.
In DC-mode the amplifier starts when the head unit is turned on and a DC offset voltage appears on channel 1 input. Use DC mode as standard position.

Technical facts HLC4
DLS article number: 10-30274
Number of channels: 4
Power supply: 12 V DC (min 10.8, max 15.6V)
Current draw, no signal: 4 mA
Current draw, operational: Typical 25 mA
Output voltage: 3 V RMS
Distorsion: 0.002% THD @ 3V output, 10 kohm load
Clip point: 3.7 V RMS @ 14.4 V power supply
Output impedance: 200 ohms nominal
Input impedance: Ch. 1: 44 ohms, Ch. 2-4: 100 ohms, All channels are fully balanced
Sensing modes: DC level or Audio, both operate on Ch. 1 only.
Remote output: 12 Volts, max 100 ma max, protected against short term short circuit
Indicators: Green= Remote on, Blue = Audio sensing active
Reverse polarity protected