

NEW PRODUCT INFORMATION

CASSETTE TUNER

KRC-929

POWER AMPLIFIER

KAC-8200/7200

GRAPHIC EQUALIZER

KGC-7400

GRAPHIC EQUALIZER AMPLIFIER

KGC-7300

KENWOOD

Enjoy listening-room performance in your car, thanks to Kenwood's first full-logic in-dash cassette tuner, new power amplifiers and graphic equalizers.

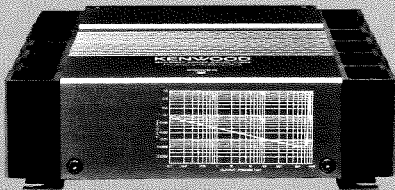
Here is a new generation of car stereo components designed to add a fresh dimension to the world of automotive audio. For exacting audiophiles who demand outstanding presence and first-class performance no matter what the listening environment, Kenwood has equipped these components with a wide range of advanced features. From the new noise reduction capabilities and full-logic mechanism of

the KRC-929 Cassette Tuner, to the high power-handling ability of the KAC-7200/8200 Power Amplifiers and superb tonal control capability of the KGC-7400/7300 Graphic Equalizers, each component exhibits traditional Kenwood finesse. And on top of all this, performance specs are enough to make any audio enthusiast sit up and take notice. For those who settle for nothing but the best, Kenwood delivers.

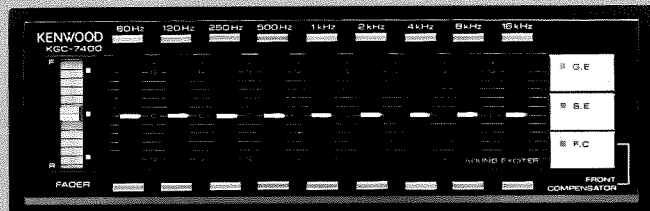


KRC-929

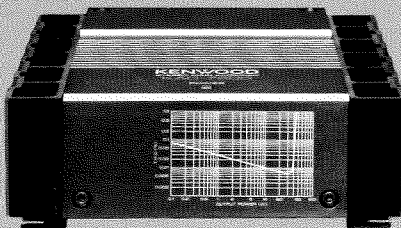
KAC-8200



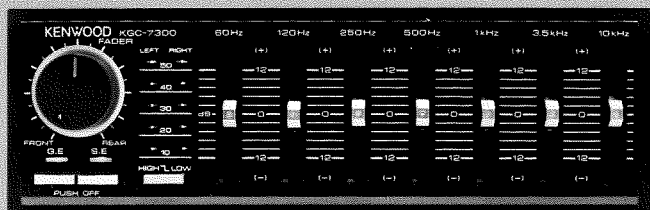
KGC-7400



KAC-7200



KGC-7300



KRC-929

QUARTZ PLL SYNTHESIZED CASSETTE TUNER

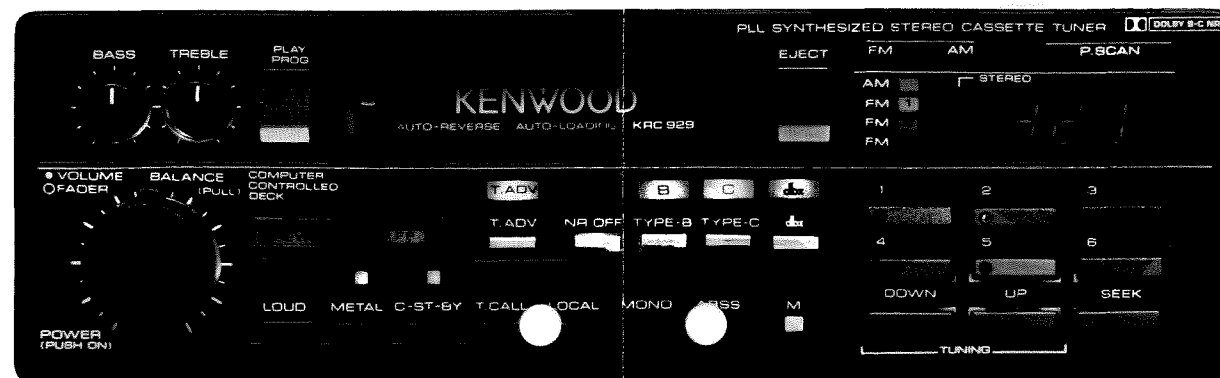
Good news for discriminating audiophiles: extensive dynamic headroom, superior noise reduction capabilities and full-logic mechanisms put this DIN size in-dash cassette tuner miles ahead of the competition.

- **Redesigned front panel** features non-protruding controls.
- **24 preset station frequencies** can be entered into memory via the 6 program keys. Present Scan recalls them in sequence. Also Seek and Manual digital tuning.

- **ANRC (Automatic Noise Reduction Circuit)** ensures optimum reception at all times, regardless of fluctuating signal strength.
- **Tape Advance** is used with fast-feed buttons to speed tape to start of next selection or replay current one.

- Auto-reverse and auto-tape loading.
- **LED tuner frequency display** enhances visibility and makes for smooth operability.
- **ABSS (Automatic Broadcast Sensor System)** automatically searches for alternative stations when signal strength falls below the level required for clear reception.
- **DX/Local selector** reduces overly strong signals, excludes weak ones.
- FM diversity system terminals for FM improvement using DC-1000 adaptor.
- Metal tape capability
- Loudness
- AM stereo adapter terminals
- 2-preouts switchable for 300mV or 1V

- **Balanced mixer circuit** better copes with intermodulation and strong signals, ensuring more faithful signal reproduction.
- **Dolby* B and C, dbx** noise reduction systems** provide the latest advances in the field of noise reduction.
- **Outstanding performance specs** include 86dB S/N ratio for deck (with dbx and New Ceramic head), 110dB dynamic range, 0.08% wow-and-flutter.



dbx

*Trademark of Dolby Laboratories Licensing Corp.

** dbx is the registered trademark of dbx, Inc.

KAC-8200/7200 POWER AMPLIFIERS

Superb full frequency power-handling capability, together with distortion-eliminating innovations ensure accurate, high-fidelity signal amplification.

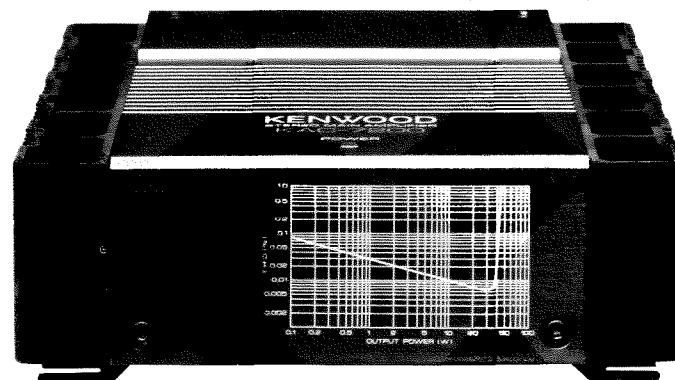
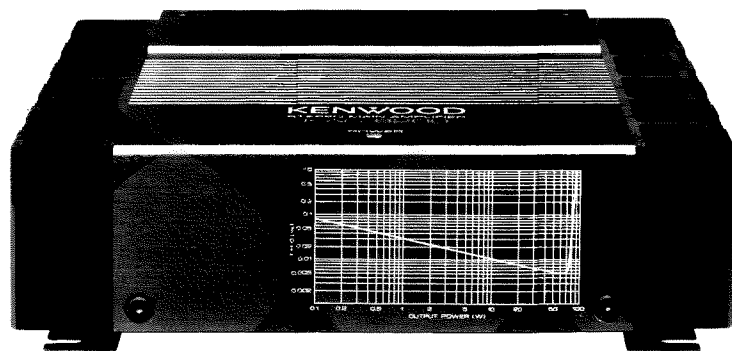
- **Dedicated drive IC** includes built-in overload protection.
- **70-micron copper wire PCBs** stabilize high frequency range characteristics and make for greatly reduced distortion.

KAC-8200

- **95W per channel power output** provides excellent high power-handling characteristics.
- **Outstanding performance specs** offer 0.005% THD (at 1kHz, 4 ohms), 5Hz—200kHz frequency response.

KAC-7200

- **45W per channel power** output provides outstanding high and mid-range power-handling characteristics, a development in this output class long awaited by audiophiles.
- **Outstanding performance specs** offer 0.007% THD (1kHz, 4 ohms) and 5Hz—200kHz frequency response.

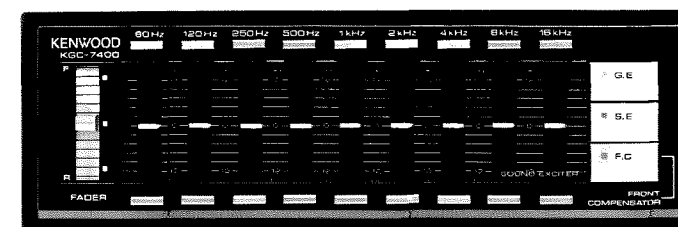


KGC-7400 GRAPHIC EQUALIZERS

9-band equalizer and 7-band equalizer-amplifier offer superior tonal control across a wide frequency spectrum, allowing you to compensate for the shortcomings of individual automotive acoustics.

KGC-7400

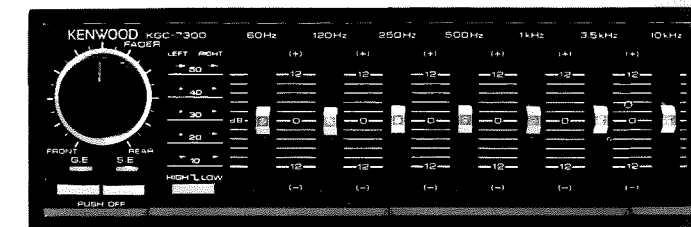
- **9-band equalization** over a ± 12 dB range, for enhanced listening enjoyment.
- **Front sound-compensating filter** safeguards against muddiness in the bass frequencies of front speakers.
- **Sound exciter function** enables special sound field compensating effects.
- **S/N ratio of 97dB** (with GE, FC and SE OFF), THD of 0.02% (at 1kHz), and frequency response from 20Hz—70kHz.
- **LED indicators** show response curve.
- **Push button equalization control and slide fader control** enhance operating ease.
- **Center frequency bands** of 60Hz, 120Hz, 250Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz, 16kHz.
- **Fader slide control** for front-to-rear balance.



KGC-7300 GRAPHIC EQUALIZER-AMPLIFIER

KGC-7300

- **7-band equalization** operates within a ± 12 dB variable range.
- **20W per channel output for rear**, 6W per channel for front.
- **S/N ratio of 92dB** (GE and SE OFF), THD 0.07% (at 1kHz), and frequency response from 20Hz—50kHz.
- **Sound Exciter** accents mid-high to high frequencies.
- **20mm-stroke slide controls** simplify fine-tuning frequency adjustments.
- **Illuminated fader control** for front-to-rear balance.
- **Center frequency bands** of 60Hz, 120Hz, 250Hz, 500Hz, 1kHz, 3.5kHz, 10kHz.



SPECIFICATIONS

KRC-929

FM Tuner Section

Frequency Range	87.9MHz—107.9MHz
Channel Space	200kHz
*Usable Sensitivity	14.8dBf (1.5 μ V/75 Ω)
*50dB Quieting	
Sensitivity	18.4dBf (2.3 μ V/75 Ω)
*Frequency Response	30Hz—15kHz \pm 3dB
Signal/Noise Ratio	70dB
*Alternate Channel	
Selectivity	80dB
*Capture Ratio	1.2dB
*Image Response	
Ratio	82dB
*IF Response Ratio	95dB
*Stereo Separation	40dB (at 1kHz)

AM Tuner Section

Frequency Range	530kHz—1,620kHz
Channel Space	10kHz
Sensitivity	30dB (32 μ V)
Cassette Deck Section	
Tape Speed	1-7/8 ips
*Wow and Flutter	0.08% (WRMS)
Fast Winding Time	80s (C-60)
*Frequency Response	30Hz—16kHz \pm 3dB (120 μ s)
*Response	30Hz—18kHz \pm 3dB (70 μ s)
*Stereo Separation	37dB
*Signal/Noise Ratio	
IHF-A Metal	NR Off 62dB
	Dolby-B On 71dB
	Dolby-C On 76dB
	dbx On 86dB

Audio Section

*Tone Action	\pm 10dB at 100Hz and 10kHz
*Pre-amp Output	
Voltage	300/1000mV 30Hz—18kHz, 10k ohms load
Operating Voltage	14.4V (11-16V Allowable)
Body Size (W x H x D)	180 x 52 x 155mm (7-1/16" x 2-1/16" x 6-1/8")
Weight	1.9kg (4.2lbs)
(*...EIA Standard)	

KAC-8200

Audio Section

Power output	95 W/ch into 4 ohms, 1kHz at 10% THD.
*Power output	75 W/ch into 4 ohms, 20Hz—60kHz at 0.5% THD.
*Power output	60 W/ch into 4 ohms, 20Hz—60kHz at 0.03% THD.
T.H.D.	0.005% (1kHz)
*Frequency Response	5Hz—200kHz (\pm 3dB)
*Signal/Noise Ratio	
(A-Weighted)	100dB
*Sensitivity (High)	12mV for 1W output
*Sensitivity (Low)	60mV for 1W output
*Sensitivity (High)	100mV for rated output
*Sensitivity (Low)	500mV for rated output
*Minimum Input	
Impedance	10k ohms

General

Operating Voltage	14.4V (11V—16V, Allowable)
Current Consumption	18.5A for rated output
Dimensions (W x H x D)	196 x 61 x 184mm (7-11/16" x 2-3/8" x 7-1/4")
Weight	2.0kg (4.4lbs)
(*...EIA Standard)	

KAC-7200

Audio Section

Power output	45 W/ch into 4 ohms, 1kHz at 10% THD.
*Power output	35 W/ch into 4 ohms, 20Hz—60kHz at 0.5% THD.
*Power output	30 W/ch into 4 ohms, 20Hz—60kHz at 0.03% THD.
T.H.D.	0.007% (1kHz)
*Frequency Response	5Hz—200kHz (\pm 3dB)
*Signal/Noise Ratio	
(A-Weighted)	98dB
*Sensitivity (High)	16mV for 1W output
*Sensitivity (Low)	80mV for 1W output
*Sensitivity (High)	100mV for rated output
*Sensitivity (Low)	500mV for rated output
*Minimum Input	
Impedance	10k ohms

General

Operating Voltage	14.4V (11V—16V)
Current Consumption	9.0A for rated output
Dimensions (W x H x D)	150 x 54 x 152mm (5-15/16" x 2-1/8" x 6")
Weight	1.5kg (3.3lbs)
(*...EIA Standard)	

KGC-7400

Audio Section

*Equalizer Action	\pm 12dB at 60Hz, 120Hz, 250Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz, 16kHz
*Minimum Input	
Impedance	10k ohms
Output Impedance	
(Front & Rear)	600 ohms
*Signal/Noise Ratio	
(A-Weighted)	97dB (G.E., S.E. & F.C. Off)
	93dB (G.E. & S.E. On)
T.H.D.	0.02% (G.E., S.E. & F.C. Off)
*Frequency Response	20Hz—70kHz \pm 3dB
Front Compensation	-6dB at 400Hz

General

Operating Voltage	14.4V (11V—16V, Allowable)
Dimensions	
(W x H x D)	150 x 50 x 128mm (5-15/16" x 2" x 5-1/16")
Body Size	
(W x H x D)	150 x 50 x 120mm (5-15/16" x 2" x 4-3/4")
Weight	0.8kg (1.8lbs)
(*...EIA Standard)	

KGC-7300

Audio Section

*Equalizer Action	\pm 12dB at 60Hz, 120Hz, 250Hz, 500Hz, 1kHz, 3.5kHz, 10kHz
*Sensitivity (Front)	28mV for 1W output
	63mV for rated output
*Sensitivity (Rear)	28mV for 1W output
	110mV for rated output
*Minimum Input	
Impedance	10k ohms
T.H.D. (Rear)	0.07% for 4W output into 4 ohms, at 1kHz
*Power output (Front)	6 W/ch into 4 ohms, 1kHz at 10% THD.
Power output (Front)	5 W/ch into 4 ohms, 60Hz—30kHz at 1% THD.
*Power output (Rear)	20 W/ch into 4 ohms, 1kHz at 10% THD.
Power output (Rear)	15 W/ch into 4 ohms, 20Hz—50kHz at 1% THD.
*Signal/Noise Ratio	
(A-Weighted)	92dB (G.E. & S.E. Off)
	88dB (G.E. & S.E. On)
*Frequency Response	15Hz—60kHz \pm 3dB

General

Operating Voltage	14.4V (11V—16V, Allowable)
Current Consumption	5.3A for Max. power output
Dimensions	
(W x H x D)	150 x 50 x 148mm (5-15/16" x 2" x 5-13/16")
Body Size	
(W x H x D)	150 x 50 x 140mm (5-15/16" x 2" x 5-1/2")
Weight	1.4kg (3.1lbs)
(*...EIA Standard)	

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KENWOOD follows a policy of continuous advancement in development.
For this reason specifications may be changed without notice.