

ezgo

THE EZGO PORTABLE SOUND SYSTEM



Wharfedale
Pro

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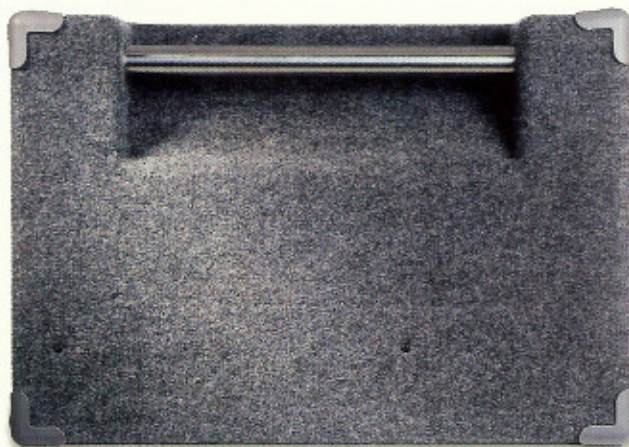
Features:

The EZGO system comprises of three main systems components; speaker 1, speaker 2 and a mixer/amplifier control unit. These components simply lock together to make an easily transportable one piece package. A compartment is provided in the mixer/amplifier head unit for convenient storage of speaker, mic and A/C cables, microphones and other miscellaneous items. For ease of transportation, a robust handle is fitted to the head unit as well as wheels and skids on the lower unit.



A unique, complete, re

Designed for optimum performance in a variety of applications from live music performance and playback, to sound reinforcement or public address, the EZGO family are great sounding, simple to transport and set up, tough sound systems. The true value of the EZGO is in it's unique combination of performance and transportability. This system, although built to fully professional standards, is designed to allow end users of any experience level to get excellent results. With EZGO there is no need for expensive and easy to lose extras such as racks, cases, covers and boxes. In a matter of minutes the EZGO is transformed from a fully operating sound system to a self contained, portable and fully protected package, and you are ready to go.



No compromises!

No compromises have been made in the size of the speaker enclosures - EZGO gives you full range, extended frequency response and efficiency giving you more power than the undersized speakers found in some 'portable' systems.

EZGO 10-100 System and EZGO 12-200 System:

Electronics Suite: EPM-610:

- Built into a tough box-top enclosure, the electronics suite protects the powered mixer and cables.
- A six input, comprehensive mixer section gives a variety of input connections for the wide range of input source connections found in the market.
- Professional Lo-Z, balanced microphone inputs
- 1/4" Hi-Z inputs for semi-pro microphones and instruments
- Use the Lo-EQ, to control cardioid mic proximity effect, where voices become boomy in close mic situations, or to boost the low end in a musical and controlled way with minimum un-natural colouration and boominess. Use the High EQ to add 'air' and 'openness' to an instrument or articulation to a voice, without the all too frequent harshness found in other systems.
- RCA tape inputs to the master section, that sum together left and right signals so everyone can hear both channels and you still have all your channel inputs available for mics and instruments.
- Master EQ for system equalisation: The sophisticated EQ circuit design gives a quasi-parametric equalisation function. The EQ curves automatically change "Q" depending on how much or how little boost or cut you can use. This results in superior sound quality when gently boosting or cutting frequency ranges for tonal balance, or the "Q" of the filters becomes much steeper for more localized control of boost and cut, in critical circumstances. The net effect of these filters is to give considerably more control and superior sound quality from only a three band equaliser.
- Fully featured master control section: Master Gain, Master EQ, Reverb Level, Effects/Tape Return
- The EPM-610 power section is a professionally rated power amplifier built for dynamic and demanding applications.

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Speaker Systems:

Each speaker features:

- A high efficiency/high output, extended range 10" or 12" woofer.
- A purpose built, high quality Electro-dynamic high frequency driver.
- High frequency driver overload protection system built in.
- Steel grille and moulded corners for protection and durability.
- Latches, wheels and feet for system transportation
- Tough and road tested carpet covering
- Pole mount top hat
- Top strap handle



EZGO TECHNICAL SPECIFICATION

INPUT CHANNELS	6
OUTPUT CHANNELS	1
IMPEDANCE	
MIC INPUT (balanced low-z)	1k Ohms
MIC INPUT (unbalanced low-z)	5k Ohms
LINE INPUT (bal/unbalanced)	15k Ohms
TAPE INPUT (unbalanced)	15k Ohms
EFFECTS RETURN (or AUX)	15k Ohms
OUTPUTS	<100 Ohms
NOMINAL INPUT/OUTPUT LEVELS	
MIC IN (low Z)	-40dBm
MIC IN (high Z)	-30dBm
LINE IN	-20dBm
EFFECTS RETURN (or AUX)	-20dBm
TAPE IN	-10dBm
OUTPUTS	-20dBm
MAXIMUM L/R OUTPUT	+20dBm
CHANNEL EQ	
LOW SHELF	80Hz \pm 15dB
HIGH SHELF	10kHz \pm 15dB
MASTER EQUALIZER	3-band
CROSSTALK (Adjacent channel@ 1kHz)	-80dB
TOTAL HARMONIC DISTORTION	
EFX OUTPUT	<0.1%
POWERED OUTPUT (@100W)	<1.0%
INTERMODULATION DISTORTION	<0.1%
EQUIVALENT INPUT NOISE	-10dBu
RESIDUAL NOISE (Faders down)	-85dBu
FREQUENCY RESPONSE +1db	20-20kHz
SIGNAL TO NOISE RATIO	85dB
COMMON MODE REJECTION	>60dB
MAXIMUM GAIN	
MIC	65dB
LINE	45dB
OUTPUT POWER 10/100	
AT 4 Ohms	100W
AT 8 Ohms	65W
OUTPUT POWER 12/200	
AT 4 Ohms	200W
AT 8 Ohms	150W
SLEW RATE	48V/usec
VOLTAGE GAIN	27dB
HUM & NOISE	-90dB
DAMPING FACTOR	200:1
OUTPUT CONNECTORS	
STANDARD	1/4" phone x 2
PROTECTION CIRCUIT	HF protect lamp
COOLING	Convection

DRIVE UNITS SPECIFICATION

10/100

Wharfedale 10 inch drive unit

HF - Dual Piezo Drive Unit

Freq range - 50Hz-20kHz

Xover Frequency 4.5kHz

Sensitivity - 94dB

Power rating: Continuous 70 watts

Program 140 watts

Peak 280 watts

Dispersion: 60x45

Nominal impedance: 8 ohms

Dimensions: H x W X D mm 478x305x281

H x W X D inches 18.8 x 12.0 x 11.1

Weight: 9.75kg/21.5lbs

Input & output connector 1/4 inch jack - Two input

High Frequency protection lamp: yes

12/200

Wharfedale 12 inch drive unit

HF - Dual Piezo Drive Unit

Freq Range - 40Hz-20kHz

Xover Frequency - 4.5kHz

Sensitivity - 96dB

Power rating: Continuous 125 watts

Program 250 watts

Peak 500 watts

Dispersion 60 x 45

Nominal impedance 8 ohms

Dimensions: H x W x D mm 560x428x330

H x W x D inches 22x16.7x13.0

Weight: 14.25/31.4lbs

Input & output connector 1/4 inch jack - two input

High frequency protection lamp - yes

CABINET DIMENSIONS (mm)

EZGO 10/100 EZGO 12/200

H 900 H 1025

W 480 W 380

D 330 D 380

Speaker:

H 480 H 480

W 330 W 380

D 330 D 370

Mixer/Amp:

H 480 H 480

W 330 W 380

D 240 D 235

EZGO VERSION ONE: 911.368

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