

Service Manual

PIONEER
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• GM-2000/ES



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CRT 1156

BRIDGEABLE POWER AMPLIFIER

GM-2000

ES EW UC

POWER AMPLIFIER

GM-1000 ES, EW, UC

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SPECIFICATIONS

• GM-2000

Power source	14.4 V DC (10.8-15.6 V allowable)
Grounding system	Negative type
Max. current consumption	15 A
Dimensions	265 (W) x 48 (H) x 232 (D) mm
Weight	3.0 kg (Leads for wiring not included)
Maximum power output	100 W x 2/200 W x 1
Continuous power output	50 W x 2/120 W x 1 (at 4 Ω, 1 kHz, 1% THD)
.....	50 W x 2 / 100 W x 1 (at 4 Ω, 20-20,000 Hz, 0.015%/0.03% THD)
Load impedance	4 Ω (2-8 Ω allowable)
Frequency response	10-50,000 Hz (+0dB, -1dB)
Signal-to-noise ratio	102 dB (IEC-A network)
Distortion	0.005% (at 50 W, 1 kHz)
Low pass filter cut off frequency	80 Hz
Low pass filter cut off slope	12dB/octave
Input level	DIN: 70-500 mV/20kΩ RCA: 0.2-2 V/7kΩ

• GM-1000

Power source	14.4 V DC (10.8-15.6 V allowable)
Grounding system	Negative type
Max. current consumption	10 A
Dimensions	265 (W) x 41 (H) x 225 (D) mm
Weight	2.7 kg (Cords for wiring not included)
Maximum power output	50 W x 2
Continuous power output	30 W x 2 (at 4 Ω, 1 kHz, 1% THD)
.....	30 W x 2 (at 4 Ω, 20-20,000 Hz, 0.015% THD)
Load impedance	4 Ω (4-8 Ω allowable)
Frequency response	10-50,000 Hz (+0dB, -1dB)
Signal-to-noise ratio	101 dB (IEC-A network)
Distortion	0.005% (at 30 W, 1 kHz)
Input level	DIN: 70-500 mV/20kΩ RCA: 0.2-2 V/7kΩ

Note:
Specifications and the design are subject to possible modification without notice due to improvements.

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essays explore current tyrannosaurid current research and discoveries regarding Tyrannosaurus rex The opening of an exhibit focused on Jane a beautifully preserved tyrannosaur collected by the Burpee Museum of Natural History was the occasion for an international symposium on tyrannosaur paleobiology This volume drawn from the symposium includes studies of the tyrannosaurids Chingkankousaurus fragilis and Sir William and the generic status of Nanotyrannus theropod teeth pedal proportions brain size and craniocervical function soft tissue reconstruction including that of Jane paleopathology and tyrannosaurid claws dating the Jane site and tyrannosaur feeding and hunting strategies Tyrannosaurid Paleobiology highlights the far ranging and vital state of current tyrannosaurid dinosaur research and discovery Despite being discovered over 100 years ago Tyrannosaurus rex and its kin still inspire researchers to ask fundamental questions about what the best known dinosaur was like as a living breathing animal Tyrannosaurid Paleobiology present a series of wide ranging and innovative studies that cover diverse topics such as how tyrannosaurs attacked and dismembered prey the shapes and sizes of feet and brains and what sorts of injuries individuals sustained and lived with There are also examinations of the diversity of tyrannosaurs determinations of exactly when different kinds lived and died and what goes into making a museum exhibit featuring tyrannosaurs This volume clearly shows that there is much more to the study of dinosaurs than just digging up and cataloguing old bones Donald M Henderson Royal Tyrrell Museum of Palaeontology **Manual of Photogrammetry** Roy Mullen,American Society for Photogrammetry and Remote Sensing,2004 Gale's Auto Sourcebook ,1991 Guide to information on cars and light trucks *The Becher Wetlands - A Ramsar Site* Christine Semeniuk,2007-01-03 This is a landmark study of the Holocene evolution and functioning of a suite of seasonal wetland basins in the temperate coastal zone of Western Australia which were added to the the Ramsar List of Wetlands of International Importance because of their setting their method of formation and deepening their history of infilling their complex hydrological mechanisms and their dynamic hydrochemical and vegetation responses *Popular Photography* ,1995-12 *Saving Energy and Reducing CO2 Emissions with Electricity* Clark Gellings,2020-12-17 Through different applications electricity provides the energy required for light heat comfort and mechanical work In order to sustain society s expectation for comfort convenience and productivity it will remain necessary to continue to seek and find reasonable quantities of energy in forms which are accessible affordable and have modest or zero environmental impacts This in turn will call for an international imperative to make existing uses of electricity both efficient and practical This book will guide the reader toward a clearer vision of that goal with explanations of the concept of electrification along with CO2 reductions through expanded end use applications of electricity Topics will include electric cars airport seaport railroad and mining electrification industrial uses of electricity in a variety of processes residential building use of electricity and enhancing energy efficiency and demand response *The Wondrous Story of Anesthesia* Edmond I Eger II, Lawrence J. Saidman, Rod N. Westhorpe, 2013-09-14 Edited and written by an international who s who of more than 100 authors including anesthesiologists nurse anesthetists bench scientists a surgeon and

representatives of industry this text provides a comprehensive history of anesthesia unique in its focus on the people and events that shaped the specialty around the world particularly during the past 70 years when anesthesia emerged from empiricism and developed into a science based practice **Clinical Neuroembryology** Hans J. ten Donkelaar, Martin Lammens, Akira Hori, 2006-09-07 Progress in developmental neurobiology and advances in neuro genetics have been spectacular The high resolution of modern imaging techniques applicable to developmental disorders of the human brain and spinal cord have created a novel insight into the developmental history of the central nervous system CNS This book provides a comprehensive overview of the development of the human CNS in the context of its many developmental disorders It provides a unique combination of data from human embryology animal research and developmental neuropathology and there are more than 400 figures in over a hundred separate illustrations

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