


TITAN

WIRELESS PORTABLE SOUND SYSTEM

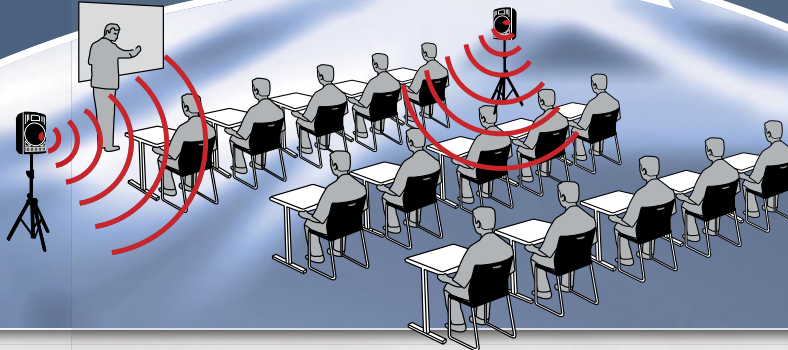


TeachLogic
FOR SOUND LEARNING 

TITAN

Wireless Portable
Sound System

WIRELESS IN - WIRELESS OUT
Wireless Transmission to Powered Companion Speaker



PA-750

PA-710

AS THE NAME IMPLIES, THE **TITAN** IS A MIGHTY SOUND SYSTEM.

It is complete with a powerful battery / AC powered 50 watt amplifier and a control panel with a Lo-z microphone input, auxiliary input, line output, mic & master volume controls, and treble & bass controls. You can add: one or two wireless microphone receivers, CD + MP3 player; and even a wireless transmitter that transmits the composite program signal to a powered companion system.

Titan Features

- Lightweight and Compact
- Durable High Impact Enclosure
- Efficient Two-Way Speaker System
- AC or Battery Powered 50 Watt (RMS) Amplifier
- One or Two Wireless Microphone Inputs (UHF)
- CD + MP3 Playback
- Simultaneous Mixing with the Microphone Inputs
- Plug-In Microphone, Lo-z, 1/4" Phone or XLR Connection
- Treble and Bass Controls
- Dual Line Input (RCA) and
- Dual Line Output (RCA)
- Rechargeable Sealed Lead-Acid
- Batteries for an Extended 4-6
- Hours of Continuous Use
- AC Operable without batteries being fully charged
- Optional – AudioLink Transmitter for Wireless Transmission of program to Powered Companion Speaker

Companion System PA-710

- The 710 is an AC or Battery Powered Companion System with a 96 Channel Wireless Receiver for a wireless link to the Master Sound System.
- The 710 can be utilized as a self contained battery powered PA system with the use of a hardwired handheld microphone (UM-66), or wireless microphone (UT-96HH or UT-96BP).

Left: Companion System (PA-710), Right: Protective Carrying Case (CC-750)



TITAN POWERED SPEAKER SYSTEM DISPLAYING VARIOUS OPTIONS



1 Wireless Microphone Receiver DR-750

96 Selectable UHF Channels, Diversity Antenna, LCD Readout, "On/Off" / Volume Control, RF & AF Signal Presence Indicators



2 Digital CD-MP3 Player CD-MP3

Anti-shock CD / MP3 Player with USB Input Port and SD / MMC Reader. Features a Variable Pitch Control with (High / Low) Range and 10 Levels per Range. Controls include: Volume; Play; Pause; Stop/Eject; FWD; REV; FF; FB and Folder.



3 AudioLink Transmitter Module TX-750

Wireless Transmission of a Composite Program Signal to one or more Powered Companion Systems. The Gain Control controls the Volume to the Powered Companion Systems. 96 Selectable UHF Channels, LCD Readout and LED Indicators: RF being Transmitted; Audio Input Present; and Clipping.



- A Fully Functional Remote Control with Keypad.
- Operational Outdoors Even in Bright Sunlight.
- Remote for CD only



4 Input Panel for the Titan Systems

The Input Panel provides a Lo-z Microphone Input (1/4" Phone or XLR) with Volume Control, Stereo Line Input and Line Output, Treble & Bass Controls, Master Volume Control and an External Speaker Output (8Ω, 1/4" Phone)



Handheld Transmitter / Microphone UT-96HH

- 96 UHF Channel Selectable
- LCD Display to Show – Selected Channel #, Channel Frequency, Battery Condition
- Four Color Caps for User I.D.
- Grille with Enclosed Windscreen
- Microphone Sensitivity Selection High / Low / Mute
- Efficient Power Consumption
- Two "AA" NiMH Rechargeable Batteries
- Recharge Jack: 3.5 mm



Headband / Boom Microphone HBM-935

- Close Proximity of Mouth to Microphone Makes for Ultimate Efficiency and Minimum Vocal Strain
- Excellent Vocal Quality
- Output Unaffected by Head Position
- Least Prone to Feedback



Lapel Microphone LM-835

- Small Capsule Size
- Unidirectional Pick-Up
- Spring Clip
- Windscreen



Hardwired Handheld Microphone UM-66

- Low Impedance
- Unidirectional Pick-Up Pattern
- Low Handling Noise / Built-In Windscreen
- "On / Off" Switch
- 14 Ft. Cable with 1/4" Phone Plug



Body Pack Transmitter UT-96BP

- 96 UHF Channel Selectable
- Pushbutton Channel Select LCD Readout – Selected Channel #, Channel Frequency Battery Condition
- Efficient Operation for Low Battery Consumption
- Durable Metal Case
- External Battery Recharge Contacts for Drop-In Charger
- Two "AA" NiMH Rechargeable Batteries
- Spring Belt Clip



Battery
Charger for
Body-Pack
(BRC-20)

(UT-96-BP)

Titan Systems Include:

- AC / Battery Powered 50 watt Amplifier with an 8" Woofer and a 1" High Frequency Horn
- Rechargeable Sealed Lead Acid Batteries with Built-in Regulated Recharger and Battery Protect Circuit

Titan Systems Models:

- PA - 700** Titan Sound System with Control Panel
- PA - 705** Titan Sound System (PA-700) Including a Handheld Hardwired Microphone (UM-66), Soft Carrying Case (CC-750) and Speaker Stand (SS-750)
- PA - 710** Titan Sound System (PA-700) with Wireless Microphone Receiver (DR-750), Soft Carrying Case (CC-750), and Speaker Stand (SS-750) Serves also as a Companion Speaker System

• CONTROL PANEL

- Lo-z Microphone Input (1/4" Phone or XLR) and Mic Volume Control
- Treble, Bass, and Master Volume Control
- Stereo Line Input and Stereo Line Output
- External Speaker Output, 1/4" Phone, 8Ω

- PA - 725** Titan Sound System (PA-700) with Wireless Microphone Receiver (DR-750), CD-MP3 Player, Handheld Wireless Microphone (UT-96HH) with Rechargeable NiMH Batteries, Battery Charger (BRC-10), Soft Carrying Case (CC-750), and Speaker Stand (SS-750)
- PA - 750** Titan Sound System (PA-700) with a Wireless Microphone Receiver (DR-750), CD-MP3 Player, Body Pack Transmitter (UT-96BP) with choice of Plug-in Microphone Lapel (L) or Headband / Boom (H) and Rechargeable NiMH Batteries, Drop-In Charger (BRC-20), Soft Carrying Case (CC-750), and Speaker Stand (SS-750)

Custom Design Your System (We will Assemble Your System for You)

- DR - 750** Wireless Microphone Receiver, 96 Selectable Channels with LCD Readout, LED Indicators: Diversity Antenna, RF and AF Signal Presence, Power "On / Off" / Volume Control
- TX - 750** Audio Link Transmitter Module for Wireless Transmission of Composite Program Signal to Powered Companion System, Volume Control, Frequency Selector with LCD Readout, LED Signal Indicators: RF Transmission, Audio Input, Clipping
- CD-MP3** CD-MP3 Player Module with USB Input Port and SD / MMC Card Reader, Variable Pitch Control: Normal, Hi / Lo (10 Level per Range), Volume, Play / Pause, Stop / Eject, FWD, REV, FF, FB, Folder and a Multi-Function Remote Control with Keypad

- UT - 96BP** Wireless Body Pack Transmitter, 96 Selectable Channels with LCD Readout, Mic Sensitivity Switch (Lo/Med/Hi), Pushbutton Mic Mute, Phantom Power, 3.5 mm Mic Jack, Aux. Input, External Battery contacts for Drop-In Charger and Rechargeable NiMH Batteries. Optional: BRC-20 Drop-In Charger required to recharge NiMH Batteries
- UT - 96HH** Wireless Handheld Microphone / Transmitter, 96 Selectable Channels, LCD Readout, Mic Sensitivity Switch (Hi/Lo/Mute), Power On / Off, Four Color Caps, Rechargeable NiMH Batteries included. Optional: BRC-10 Charger required to recharge NiMH Batteries

Overall Specifications for Titan System

Oscillation Type:	PLL Synth. Control OSC
Carrier Freq. Range:	UHF Band, 640 - 664 MHz (Available 7/1/08)
Selectable Channels:	Pre-Programmed, 96 Switchable Channels
Dynamic Range:	110 dB
THD:	Less than 0.5%
Squelch:	Tone Key and Noise Lock Dual-Squelch
Frequency Response:	70 Hz - 16 kHz (wireless)
Operating Range:	165 - 230 Ft. (open field) with Built-In Antenna

Overall Specifications for Wireless Microphone System

Selectable Channels:	96 Pre-Programmed Freq.
Carrier Freq. Range:	UHF Band, 640 - 664 MHz (Available 7/1/08)
Dynamic Range:	110 dB
THD:	Less than 0.5%
Squelch:	Tone Key and Noise Lock Dual-Squelch
Frequency Response:	70 Hz - 16 kHz
Operating Range:	165 - 230 Ft. (open field) with Built-In Antenna

PA-700 Portable Amp. Speaker

Output Power:	50 W RMS, 80 W Max.
Sensitivity:	95 dB, 1 W @ 1 M
Maximum SPL:	122 dB
Freq. Response:	20 Hz - 20 kHz (audio)
Speaker:	8" LF Woofer, 1" HF Horn
Signal to Noise Ratio:	>70 dB
Audio Input:	XLR-Mic In, RCA-Line In
Audio Output:	Line Output (RCA), External Speaker Output, 1/4" Phone, 8Ω
Controls:	Mic, Bass, Treble, Master Vol.
Switching Power Supply:	100-240 V AC Input European Approval
Battery:	12 V, 2.9 Ah x 2 (Lead Acid) Rechargeable
Operating Life:	4 - 6 Hours
Charging Time:	4 - 6 Hours
Dimensions:	18.5"W x 9"H x 11.75"D
Weight:	26.5 lbs. UT-96HH with Wireless Handheld

Microphone

Microphone Element:	Cardioid Condenser Capsule
Antenna:	Built-In
RF Output:	10 Milliwatts
Display Status:	LCD Displays Channel# or Freq., Battery Life
Channel Selection:	Up, Down and Lock
AF Controls:	Mute Switch
Mic Sensitivity Switch:	Hi / Low
Battery:	Two AA Either Rechargeable NiMH or Alkaline Disposable
Battery Life (NiMH):	6-9 Hours (Typical)
Housing:	Aluminum
Dimensions:	10.5"L x 1.75"Dia.
Weight with Batteries:	10 Ounces

UT-96BP Wireless Body-Pack Transmitter

Microphone Input:	Lo-z, Phantom Powered, Switchable Input Sensitivity (Lo, Med, Hi), 3.5 mm Jack
RF Output:	10 Milliwatts
Display Status:	LCD Displays Channel# or Freq., Battery Life
Channel Selection:	Up, Down and Lock
Aux. Input:	Line Level, 3.5 mm Jack
AF Controls:	Mute Switch
Mic Sensitivity Switch:	Hi / Mid / Low
Battery:	Two "AA" either Rechargeable NiMH or Alkaline Disposable
Battery Life (NiMH):	6-9 Hours (Typical)
Battery Life (Alkaline):	14 Hours (Typical)
Housing:	Aluminum
Dimensions:	3.5"W x 2.5"H x 1"D
Weight with Batteries:	6 Ounces

Titan Accessories

- BRC - 10** Battery Charger for the UT - 96HH Handheld Transmitter
- BRC - 20** Drop-in Battery Charger for the UT - 96BP Body-Pack Transmitter
- CC - 750** Protective Carrying Case for all 700 Series Titan with Side Storage Compartments
- SS - 750** Speaker Stand for Titan, folding tripod adjustable height from 30" to 60"
- UM - 66** Handheld Mic (Lo-z) with 15' Cable
- ULM - 835** Ultra Lite Earset Microphone, (B or T) Black or Tan, with a 90°, 3.5mm Plug
- LM - 835** Lapel Microphone with 90°, 3.5mm Plug
- HBM - 935** Headworm / Boom Microphone with a 90°, 3.5 mm Plug
- BR - 2AA** Two "AA" Rechargeable Batteries (2650 mAh)



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