



TeachLogic

FOR SOUND LEARNING



TeachLogic has been manufacturing sound reinforcement systems for small and medium size listening environments since 1992. We have specialized in developing wireless microphone based systems for classrooms and portable outdoor requirements.

In 2003, TeachLogic introduced its innovative infrared sound field systems. Infrared technology allows us to operate hundreds of wireless systems in a common environment by simply not allowing light to pass through the walls of one classroom to the next.

The infrared transmitter/microphone is the most vital part of the sound field system. It transmits the voice via infrared light that is beamed to the receiving sensor and to the amplifier and loudspeakers in the room. The voice is a teacher's most powerful teaching tool, but it also needs to be protected. Properly using a classroom sound system allows the teacher to speak more comfortably and be heard more precisely, no matter where the teacher is located. TeachLogic has developed infrared technology to a very high level that guarantees constant connectivity.

Our Digital Feedback Guard (DFG) is a complete system approach to eliminating acoustical feedback in sound-field systems.



actual size

Sapphire

Just the little mic you've been looking for...

The Sapphire's light weight, small size, and optimum performance make it the ideal microphone to complete any of our infrared classroom system packages.



Maxim III

The Maxim III is a two channel receiver/amplifier/mixer with energy saving "sleep" mode, 100-watt Digital Hybrid Class D Amplifier, four auxiliary inputs for Computers, DVD, Aux or iPod/MP3 player, output for assistive listening system, along with page pass-through, a 5-band equalizer, RS-232 wall panel control of the line inputs, Fire alarm connection (AC or DC), remote Security Alert, teacher priority with instant attenuation of the line levels via Sapphire pendant and Digital Feedback Guard (DFG). The Maxim III also features an output for recording the day's lesson capture.

It is the core of a sound-field system for use in the classroom, corporate boardroom or secured briefing rooms up to 1,600 sq. ft. The system includes your choice of microphone/transmitters, drop-in battery charger and speaker package. The Maxim III can power up to 8 speakers.

A CEILING SENSOR AND CHOICE OF SPEAKERS COMPLETE THE SYSTEM PACKAGE



ICS-55 Infrared Ceiling Dome Sensor

1600 sq. ft. infrared connection guarantee



SP-628 Ceiling Speakers



SP-2000 Wall Speakers



SP-628L Lay-In Speakers

Speakers All available in quantities of 2 or 4



FORUM

The Forum is just the answer to the need for a low cost sound field solution with an abundance of key features. It includes two infrared mic channels, two aux line inputs for computers and DVD/iPod units and a 3-band eq. The built in Class D Digital power amp with energy saving "sleep" mode, delivers 50 watts of power to a maximum of 4 speakers. It has separate outputs for both assistive listening and lesson capture. The system includes your choice of microphone/transmitters, drop-in charger and speaker package.



(Forum rear panel)

FORUM²³²

The same as Forum system with additional features that include: Security Alert Output, RS-232 wall panel control of line inputs, teacher priority with instant attenuation of line levels via Sapphire pendant, Digital Feedback Guard (DFG) and switchable computer anti-hum circuit on computer input.



(Forum232 rear panel)

Quantum II

The Quantum II is a completely self-contained sound system for portable use or permanent installation. Two wireless microphones can be used simultaneously, one for the teacher and a handheld for student participation. Quantum II has a powerful 30-watt class D Digital Hybrid amplifier with energy saving "sleep" mode, digital equalization, digital limiting and a full range dynamic speaker for complete coverage of a typical classroom. It can be complemented by a companion speaker for improved sound distribution and increase total output to 50 watts. The system includes your choice of microphone/transmitters and drop-in charger.



Sapphire



Microphone/Transmitter IRT-55

The Sapphire's aesthetic design and ultra light weight (1.4 oz) makes it the most pleasing and comfortable infrared microphone / transmitter available. The microphone capsule achieves a very high amount of gain before feedback, and provides an extremely natural reproduction of the teacher/presenter. The strategic array of IR emitting diodes assures wireless connectivity throughout the room. The mute button allows for private conversation with a touch, and the auxiliary input provides the opportunity to plug in an iPod or MP3 player for wireless transmission. It features a Micro USB charging port, and a rechargeable Lithium battery that is covered by a 2 year warranty. A breakaway lanyard is also included.

Plug-in power supply BRC-15

Plugs into Sapphire for wall or USB charging.



Drop-In Charger BRC-55

Stylish new design that conveniently charges one IRH-35 handheld transmitter and up to two Sapphires simultaneously. The precision circuit design assures optimum charging rate and automatic battery protection. LED indicators note the charging process and battery status.

Sapphire

Microphone/Transmitter IRT-60

The same aesthetic design and features of our IRT-55 Sapphire. Additional features: remote Security Alert, teacher priority with instant attenuation of the line levels to work with our Forum 232 and Maxim III amplifiers only.



Handheld Wireless Microphone/Transmitter IRH-35

Our handheld microphone/transmitter has all the performance and feel of a concert quality unit, and is primarily used by students for interactive class participation. It is also excellent for use in critical boardroom and house of worship facilities. The unidirectional condenser microphone reproduces superb vocal quality, enormous gain before feedback and very low handling noise. The ring of emitting diodes located at the base and mid body of the microphone assure constant infrared connectivity throughout the room.



WM-400

Optional Wall-Mount cabinet for convenient installation of Forum, Forum 232, Maxim III or VoiceLink III

A perfect low-cost single channel powered solution



VoiceLink *Plus* System

A complete infrared wireless microphone system with power amplifier and speakers. The wireless microphone provides complete hands free mobility while the auxiliary input amplifies another media source i.e. iPod™ or computer audio. The VoiceLink Plus is the perfect audio augment to the interactive white board; the built in 20 watt power amp can power 2 or 4 ceiling/wall mount speakers.

Unpowered Pre-Amp Systems

The VoiceLink systems are infrared wireless microphone systems that can be integrated into any existing sound system whether it is in a classroom, conference room, or even a judicial courtroom. Add a wireless microphone system; no messy cables and you have total freedom of movement throughout the room. Excellent vocal quality and reliable connectivity in excess of 30 foot radius to a central sensor. Interference free transmission and with 100% program material security (infrared will not transmit through walls). Each of these systems is great for recording into an active board for internet blogs. Wireless microphone/transmitter (of your choice) and battery charger included with each system.



VoiceLink I System

A great sounding single channel receiver for use with one infrared wireless microphone and provides one auxiliary input for a line level program input. The output is line level; balanced Phoenix 3 pin connector or unbalanced RCA connectors. An excellent addition to an existing sound system to extend its use for voice reinforcement. Compact size, wall or shelf mountable, low in cost, and works with all standard TeachLogic high quality infrared transmitters.



VoiceLink III System

A two-channel infrared wireless microphone receiver for the simultaneous use of two wireless microphones. One line level input for Computer, DVD or other line level device with front and rear panel input connections. One ALS (Assistive Listening System) or Lesson Capture, front panel output. The line level output, balanced (phoenix 3 pin) or unbalanced (1/4 phone), is connected to an existing sound system to extend its use for voice reinforcement. An ideal expansion to any sound system; use a wireless microphone to reinforce the presenter's voice and another for audience interactive participation.

THINK BEYOND
think
WIRELESS

Titan^{neo}



The Titan Neo is a complete portable PA system with wireless capabilities for a multitude of applications. Use the Titan Neo on the athletic field, playground control, golf courses, multi purpose room, cheerleaders, out door assemblies, pool parties, you name it. It is complete with a Nickel Metal Hydride rechargeable battery/AC powered 50-watt amplifier and a control panel with hard wired Lo-Z mic and aux inputs for an iPod. You can add one or two auto scan wireless microphone receivers, a CD/MP3 player, and our unique AirLink transmitter module that will "broadcast" the entire mix signal from the main system to as many wireless powered Titan companion systems as needed.

Titan Features

- AC/Battery powered, 50 Watt (RMS) Amplifier
- Nickel Metal Hydride Batteries
- 6-7 hours of run time. 8 hour recharge
- Neodymium LF Speaker
- Lo-z Microphone Input, XLR/1/4" phone combo
- Line Input (with gain control), Line output Dual RCA
- 4 Stage battery level indicator
- Voice Priority on/off switch
- Lightweight durable molded enclosure. Only 21 lbs

Optional

- Auto Scan 96-channel UHF wireless microphone receivers
- Dual channel Auto Scan 96-channel wireless Microphone receiver module
- AirLink wireless transmitter module
- Bluetooth Receiver Module
- CD-MP3 Player with remote control
- Digital Delay module for companion speaker



Feed your program mix to the AirLink Transmitter. It will wirelessly transmit your program to multiple receiver locations, even through several floors

Wireless Line Level Router

The AirLink router allows you to take a line level signal from your mixing console or playback device (DVD-iPod), plug it directly into the AirLink transmitter and then broadcast that audio to a distant AirLink receiver or multiple receivers. The AirLink system operates on the 640-664 MHz band and has 96 available channels to select from. You can also transmit to any of our portable Titan systems equipped with a matching receiver module. Perfect for getting sound across a football field, into overflow areas at a house of worship or backstage areas during a concert. 40 milliwatts output.



DR-702D Diversity Receiver



ALS-960 Transmitter



UR-96BP Body-Pack Receiver

The Body-Pack Receiver is great way to turn any powered speaker into wireless system. The UR-96BP matches perfectly with our AirLink transmitter and allows you to broadcast to an unlimited number of receiver units. The UR-96BP is powered by 2 AA batteries for all day use, and its metal case provides the utmost in durability. The wide bandwidth of this receiver gives you very high quality audio in a very small size.



PA-2280 Periodic Log Yagi Directional Antenna

"Paddle" antennae are excellent for doubling the transmission or receiving distance of AirLink routers. These directional antennas on a ALS-960 transmitter can send a signal nearly 1000 feet to an AirLink diversity receiver. Adding paddles to the receiver can increase that distance to almost 2000 ft.

RF Transmission, UHF (640–664 MHz)

All TeachLogic's RF wireless components operate in the FCC approved frequency bands. All transmitters and receivers are compatible to operate with each other. All have 96 preset selectable channels. All wireless microphones with rechargeable batteries (NiMH) can be recharged by a single model drop-in charger.



Language Translation System LT-960

Here is an ideal solution for language translation requirements. Our ALS-960 transmitter has 2 separate input channels. One channel (typically RCA inputs) may be used for monitoring the original language through headphones, and the 2nd input (which uses a wired microphone) is used to broadcast the new translated language out to an unlimited number of UR-96BP body pack receivers. The standard system includes 4 UR-96BP receivers with drop in battery chargers.

Tour Guide System TG-912

Our tour guide system consists of a UT-96BP body pack transmitter (used by the guide), and (11) UR-96BP body pack receivers. These are great for walking tours or anywhere that a noisy environment makes hearing difficult. An unlimited number of UR-96BP receivers can be added to the system. Our HBM-935 head worn mic is excellent for tour guide personnel. The system includes a carrying case for all the receivers/transmitter that has built in charging ports for the rechargeable batteries.



Personal FM System PS-960

These systems are sometimes referred to as assistive listening systems. They comprise of a UT-96BP transmitter for the talker and a matching UR-96BP receiver for the listener. The UR-96BP receiver also includes an "ear speaker" for convenient mobile listening.



All TeachLogic UHF transmitters and receivers include (2) Duracell Nickel Metal Hydride rechargeable batteries. This is Duracell's highest output (2450mAh) rechargeable AA. These batteries come with a 2 year warranty.



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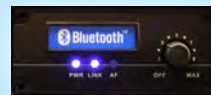
All RF Components feature a 3 Year Limited Warranty



All IR Components feature a 5 Year Limited Warranty

Bluetooth Wireless Receiver Module BT-800

- Connect any Bluetooth device directly to Titan Neo Portabe PA iPod, iPad, Smartphone, etc.



Body-Pack Microphone/Transmitter UT-96BP

- 96 UHF Channel Selectable
- Push-button Channel Select
- LCD Readout
 - Selected Channel #
 - Frequency
 - Battery Condition
- Aux Line Level Input Jack
- Low Battery Power Consumption
- Durable Metal Case
- Drop-In Charger Compatible
- Requires two "AA" batteries

Optional

- Rechargeable "NiMH" Duracell
- Lapel Microphone
- Headband/Boom Microphone



Handheld Microphone/Transmitter UT-96HH

- 96 UHF Channel Selectable
- Push-button Channel Select
- LCD Readout
 - Selected Channel #
 - Frequency
 - Battery Condition
- Sensitivity Switch: Hi/Lo/Mute
- Condenser microphone element
- Unidirectional Pick-Up Pattern
- Low Handling Noise
- "On/Off" Switch
- Assorted color end caps
- Drop-In Charger Compatible
- Requires two "AA" batteries

Optional

Rechargeable "NiMH" Duracell



Charger for Wireless Transmitters BRC-70

- Charges both:
 - Handheld and Body-pack
- LED function indicators
- Convenient drop-in insertion
- Auto full-charge maintenance
- Auto prevent for non-rechargeable batteries

