

UWD-600

UHF Wireless Digital Soundfield System

Using the Linkx UWD600 SoundField System in a classroom setting, not only will students benefit from receiving clear, easy-to-understand instruction, but teachers will also benefit from reducing long-term vocal cord strain. We believe the Linkx SoundField system is ideally suited to be a part of every classroom and conference space



- Hybrid Learning
- Reliable Wireless Digital Transmission
- Superior Integration and High Versatility
- Enhanced Speech Amplification
- Advanced Audio-Visual Connectivity
- Multimedia Integration



HM-600



PM-600

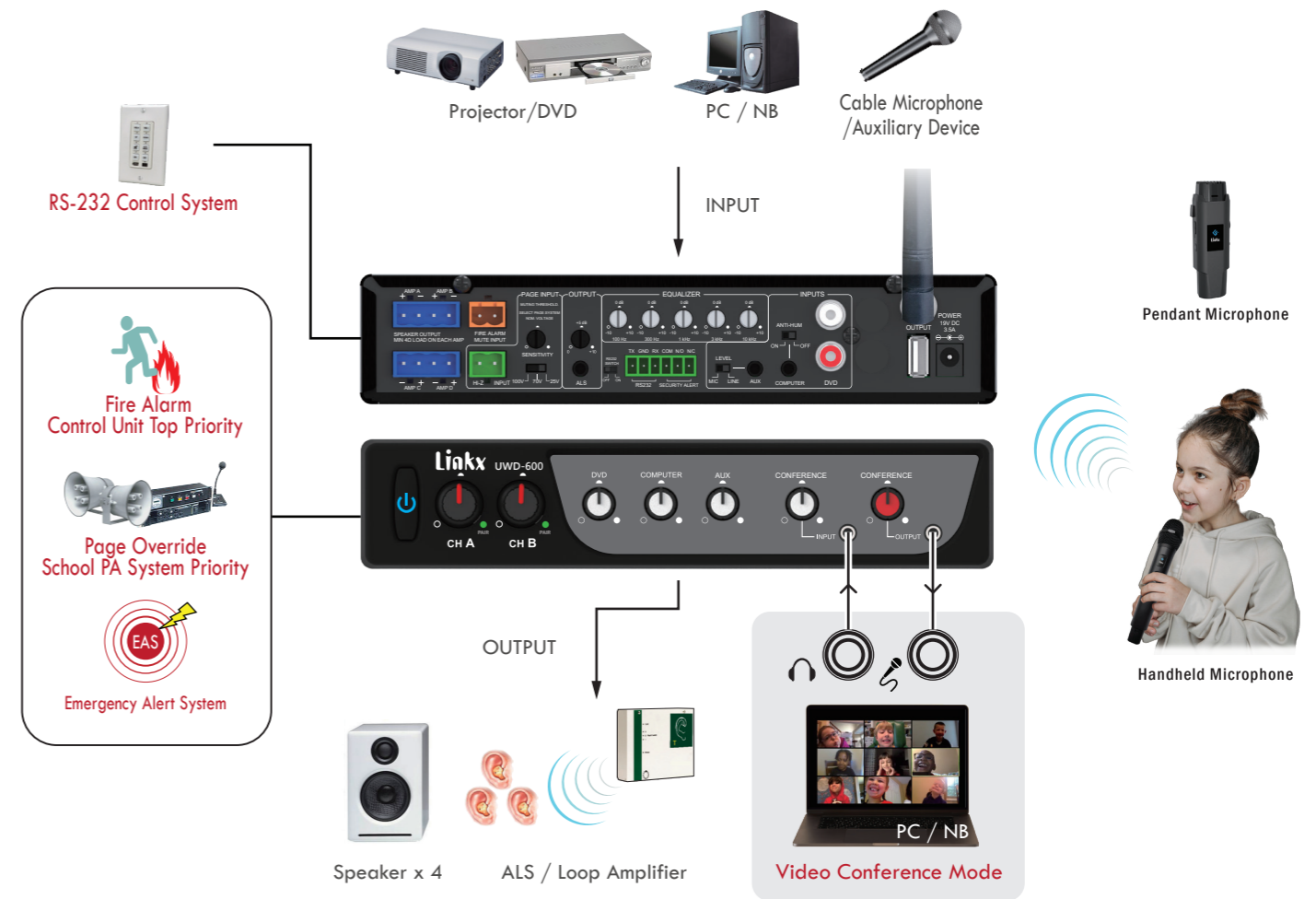
Charger

The PM600 microphone is very lightweight and easy to operate, making it suitable for teachers to wear every day, while the HM600 handheld microphone is convenient for students to pass around and speak during interactive teaching.



Advanced and Scalable

The Linkx UWD600 Soundfield system features reliable wireless digital transmission, superior integration and high versatility, supporting simultaneous face-to-face and online hybrid teaching. The UWD600 system amplifies and evenly distributes the PM600 pendant microphone user's clear speech throughout the room at the most comfortable and optimal level, while the listener can focus on the sound being presented. The UWD-600 main unit fully supports connecting a variety of audio-visual technologies, with two wireless receiving channels, multiple audio inputs and outputs, a 5-band digital equalizer, a 50-watt Class D amplifier and an RS-232 expandable wall panel control port. Four auxiliary inputs and two independent outputs provide multimedia integration to complement your presentation materials and increase engagement. Additionally, the UWD-600 features proprietary interfaces to connect to paging systems, fire alarm systems, and security alarm systems to maintain critical communications that are reliable and secure at all times.



UWD-600 Specification

Radio

| | |
|-----------------------|--|
| Modulation | GFSK, 2 wireless mic channels |
| Reception Frequencies | 500 - 950 MHz |
| Frequency Planning | Automatic; actively avoids interference for high density use |
| RF Output Level | 0dBm / +5 dBm / +10 dBm |
| RF Coverage | 30 -60M (empty place) |
| RF Sensitivity | -120 dBm |
| Antenna Options | External, BNC |

Interfaces

| | |
|----------------|--|
| Page Input | 2-pin Phoenix; Input voltage 100V / 70V / 25V w/ Sensitivity level control |
| Security Alert | Contact N/O. N/C |
| Fire Alarm | Contact closure by fire panel mutes audio |

Audio

| | |
|---------------------------------|---|
| Equalization | 5 Band ± 10dB |
| Class D Amplifiers Output Power | 2 Channels x 25 Watts ea. (RMS) 50 Watts total (RMS) @ 4Ω |
| Speaker Output(A/B) | 4Ω Output impedance, Two 4-pin Phoenix |
| Frequency Response | 20Hz - 20KHz ±2dB |
| S/N Ratio | > 70dB/A |
| THD+N | < 1% @ 1KHz |
| Aux Input | Rear panel : DVD input, dual RCA, 0dB Rear panel : Computer input, 3.5mm, -10 dB Rear panel : Aux / Mic switchable, Aux level -10dB / Mic level -35dB, 3.5mm Front panel : Conference / Line input, 3.5 mm, -10 dB |
| Aux output | Rear panel : ALS output, 3.5 mm, +10 dB Front panel : Conference / Line output, 3.5 mm, +10 dB |

Other

| | |
|----------------|-------------------------------|
| Charger Output | 5 Volt DC, 1A, USB-A type |
| Power Supply | DC 19 Volt / 3.43A |
| Dimensions | 215 (W) x 190 (D) x 44 (H) mm |
| Weight | 800 g |