Lexicon-Global
The Power of Language

PROT800 System

1 Existing PA System

2 IC2 - Interpreter Consoles (one per language)

CAT5 Cable   CAT5 Cable   CAT5 Cable

Existing LAN Network

XLR Cable   XLR Cable   XLR Cable   XLR Cable

3 T45NET Network Accessible High Power Transmitters

Up to 500m   Up to 500m

Language 1   Language 2   Language 3   Language 4

CAT5 Cable   CAT5 Cable   CAT5 Cable   CAT5 Cable
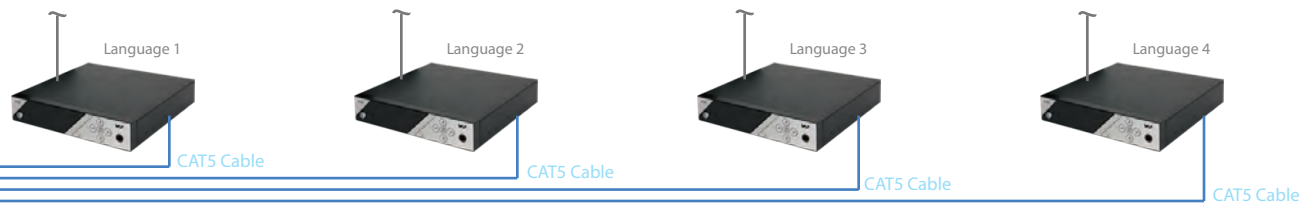
*Transmitters to be placed closest to audience area for best transmission coverage   * ANT005 antennas can use WCA008 15m coaxial extension cables for longer reach.

4 R38 Multi-Channel Receivers & Headsets (up to 75,000 units can be easily used)

Rugged transport and storage cases will hold all receivers and earphones. Cases have retracting handles for easy mobility and are designed to stack on top of one another for efficient storage space.

ProT800 Interpretation System is designed to work as follows:

1 This system easily connects to any existing PA system via standard XLR Line-Level audio cable.

2 Output from PA System connects to and feeds all audio to first IC2 console "Floor In."
Each additional IC2 connects one to the next (daisy-chain) with CAT5 cables to receive sound from main PA system.

3 Interpreter Microphones and Headphones connect to IC2 console. Each interpreter has volume and tonal controls.
Each IC2 "Norm Out" output connects to corresponding transmitter so interpreter's voices can be broadcasted wirelessly.
XLR connection cables can be run over 500m allowing strategic placement of transmitters to maximize transmission range.
Specially designed antenna (ANT005) will be used to maximize transmission range to 330m. Range is measured as a radius.

4 Receivers use easy to use channel selector to so that those in attendance may listen to the language of their preference.
This configuration allows for an additional transmitter offering dedicated channels for each language plus floor language.

5 The T45NET Transmitters can be managed and serviced over standard Internet connections. All settings can be adjusted remotely using T45NET App.

5 OPTIONAL:
Connecting T45NET Transmitters to Internet offers full control features and service access over the Internet.

With T45NET Mobile App you can administer and control one or multiple T45NET transmitters.

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