

# IR-570

## 2-CHANNEL INFRARED SOUND SYSTEM

part of the ((soundfields)) range

IR-570 is a completely self contained infrared wireless microphone 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.

IR-570 has upgraded to a powerful 50-watt amplifier and a full range speaker for complete coverage of a typical classroom.

It can be complemented by a companion speaker for improved sound distribution throughout the room.



### Features

- Two infrared wireless microphone receivers
- Powerful 50 watt amplifier
- Efficient full range coaxial speaker
- RS-232 integration
- Built-in wide angle infrared sensor for 180° reception
- Tone control
- Cable microphone input (3.5mm)
- 5-band EQ
- Auxiliary line level input with volume control for computer or iPod (3.5mm)
- Threaded insert for speaker stand mount
- Line output with volume control for Assistive Listening System (3.5mm)
- Wall mount bracket included



### Benefits

- Reduce teacher vocal strain
- Reduce teacher sick days
- Calmer classrooms
- Brings hearing impaired pupils into mainstream classrooms
- Retain control over classroom
- Re-engage pupils in lessons
- Cost effective learning gains

### Recommended applications

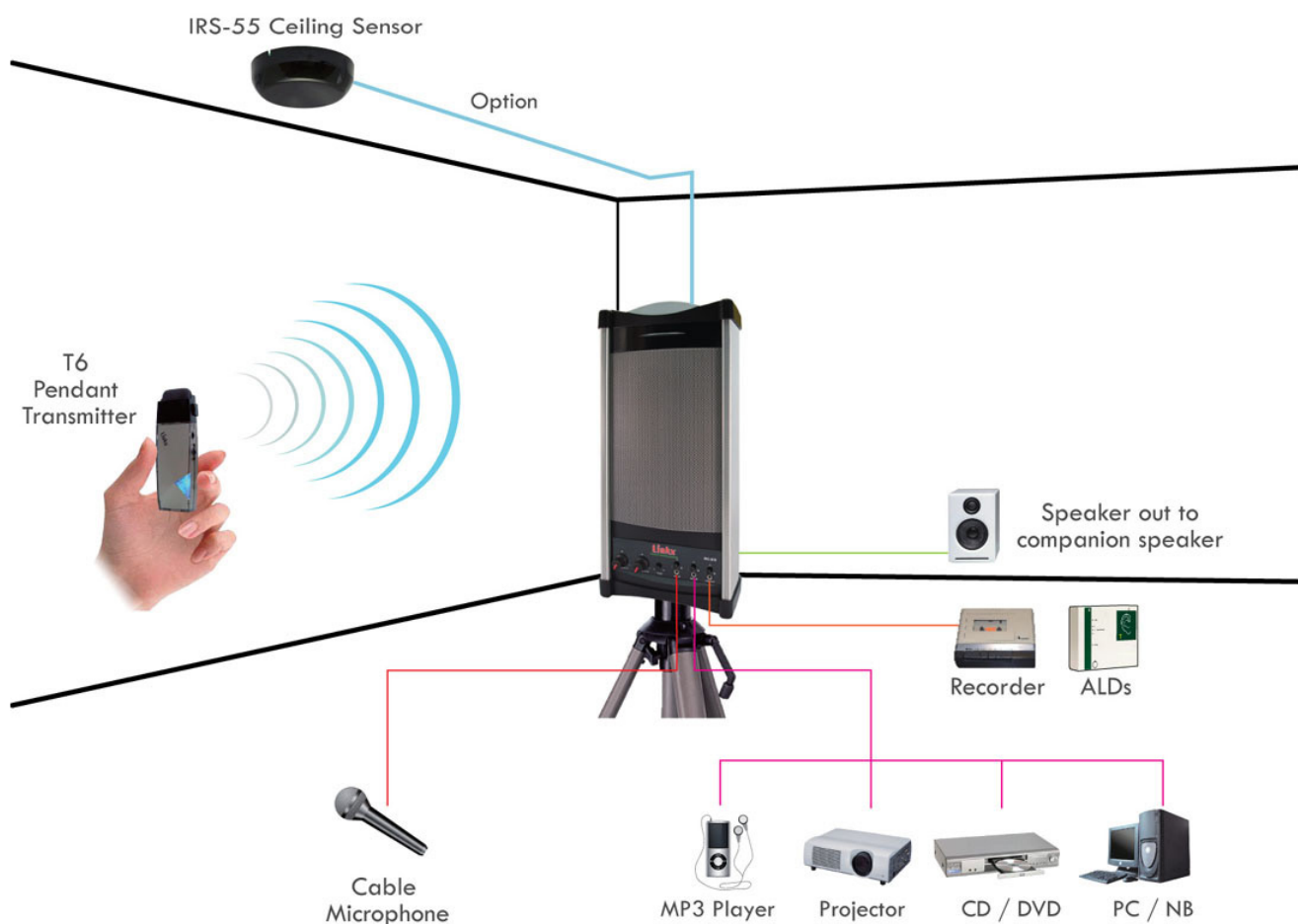
- **Educational** : Classroom, Cafeteria, Indoor gym
- **Corporate** : Meeting Conference room, Training room
- **Entertainment** : Karaoke house, Indoor amusement, Recreation centre
- **Religious** : Church, Religious house, Temple
- **Art centre** : Museum, Art gallery, Library
- **Government facility** : Court house, Government office, Military base, Information point

[WWW.SOUNDFIELDS.CO.UK](http://WWW.SOUNDFIELDS.CO.UK)

# Specification

<b>Receiver Input</b>	Infrared
<b>Reception System</b>	Heterodyne
<b>Modulation</b>	FM Wide-band
<b>Infrared Wavelength</b>	850 nm
<b>Reception Frequencies</b>	Channel A: 2.08MHz Channel B: 2.54MHz
<b>Frequency Response</b>	20 Hz-20 kHz
<b>S/N Ratio</b>	>65 dB
<b>THD</b>	<1% @1 KHz
<b>Nominal Deviation</b>	± 10 KHz
<b>Maximum Deviation</b>	± 25 KHz
<b>De-emphasis</b>	50 µs

<b>Mic Input</b>	-30dBV, 3.5mm phone jack w/ gain
<b>Line Input</b>	-10dBV, 3.5mm phone jack w/ gain
<b>Line Output</b>	0dBV, 3.5mm phone jack w/ gain
<b>Amplifier Output</b>	25W+25W @4Ω (total 50W)
<b>Internal Speaker</b>	30W 4Ω
<b>External Speaker Terminal</b>	1 Terminal Block connector, 25W 4Ω speaker x 1pc
<b>Receiving Range</b>	15m line-of-sight
<b>External Sensor Inputs</b>	2, RCA type
<b>Power supply</b>	DC 19V / 3.42A
<b>Dimension</b>	112(W) x 155(D) x 348(H) mm
<b>Weight</b>	1.87 kg



Specifications subject to change without notice. E&OE



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