



The TalkBack RF wireless digital audio speaker system is designed to integrate with new and existing CCTV systems. Verbal warnings – or challenges to the behaviour of monitored subjects – are issued using a push-to-talk facility or preprogrammed messages.

Packaged system consists of audio mic, transmitter, receiver and horn speaker.

## Features

- Highest quality digital audio
- Random scrambling mode
- High-quality waterproof horn speaker - up to 30 Watts
- IP65 Housing
- Line level audio input
- High resistance to interference
- 2.4 GHz on 5.8 GHz ISM frequency
- 8 channels + 10 address codes
- Supports up to 80 speakers for each system
- ISM license-exempt

## Models

TBK24	TX + RX Kit only (no speaker)	
TBK24S15	TX/RX Kit + Speaker	15 W
TBK24S30	TX/RX Kit + Speaker	30W
TBRX24	RX only Line Out	
TBRX24H15	RX C/W Speaker	15W
TBRX24H30	RX C/W Speaker	30W
Mic 1	Desktop Microphone C/W Push-to-talk switch	
Mic 2	Desktop Microphone C/W prerecorded messaging	
Mic 4	Desktop Microphone C/W 4-way push-to-talk	
Mic 8	Desktop Microphone C/W 8-way push-to-talk	



## Audio Transmitter

Frequency Range	2.400 – 2.483 GHz
Power Requirement	12 V, 150 mA
Modulation	FSK
Channel Spacing	9 MHz
Tx Power	+10 dBm ERP
Input Impedance	10K ohm
Input Level	2V PP (max)
AF Response	20 Hz - 20 KHz
Dynamic Range	92 dB
Number of Channels	8
Address Codes	10
Size (without bracket)	170 x 120 x 57 mm
Material	Aluminium
Weight (with bracket)	1.25 kg
Antenna Connection	BNC
Audio Connection	Screw terminal
Temperature Range	-10/+60 °C

## Audio Receiver and Horn Speaker

Frequency Range	2.400 – 2.483 GHz
Power Requirement	12 V, 2 / 3 A
Modulation	FSK
Channel Spacing	9 MHz
Sensitivity	-94 dBm
Audio Output Power	10 - 30 W
AF Response	20 Hz - 20 KHz
Dynamic Range	90 dB
Number of Channels	8
Address Codes	10
Size (without horn)	280 x 120 x 57 mm
Horn Size	160 mm diameter, 180 mm length
Material	Aluminium
Weight	2.5 kg
Antenna Connection	BNC
Audio Connection	Screw terminal
Temperature Range	-10/+60 °C

## Desktop Microphone Mic 1/4/8

Type	Condenser
Power Requirement	12 V DC
Sensitivity	-42 dB
Output	2 V PP Max
Mode	Push to talk switch (x4 or x8)



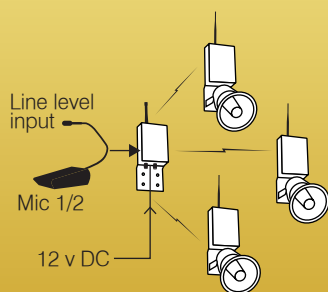
## Desktop Microphone Mic 2

- Facility for downloading self-created audio files via the PC
- Built-in speaker
- USB interface for the connection to a PC with Windows
- Digital recording feature for memorising announcement messages

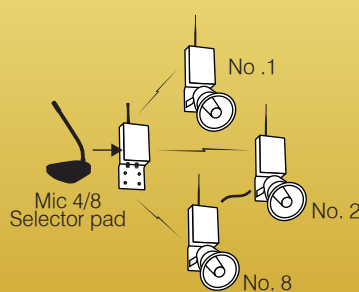


Data memory 64MB Flash

### All Speaker Mode



### Select Speaker Mode



### Remote Speaker Mode

