

TalkPerfect Accessories

Ampetronic offer a range of microphones and speakers for use with the Talk Perfect systems. For information on the available kits please see the TalkPerfect Options document. Wiring diagrams are provided within the TalkPerfect installation handbook and quick start guide documents.



Combi Mic/Speaker – TP-CMB400LED

Used for the staff side of most installations, this unit includes a microphone and speaker in one. The directional gooseneck microphone ensures good audio quality and low background noise. A mute switch and LED indicator are included which wire separately to the TalkPerfect amplifier. A version with no LED is also available with the same microphone and speaker specifications.

Microphone

Polar Pattern:	Cardioid
Sensitivity:	-47dBV/Pa at 1kHz
S/N Ratio:	58dB
Impedance:	0.68kΩ
Operating Voltage:	1.5V DC (1.1V – 9V)

Speaker

Driver Size:	3" (80mm) diameter
Impedance:	8Ω
Power Handling:	5W Nominal, 8W Max
Sensitivity:	94dB (1w/1m) ±3dB
Frequency Response:	120Hz – 20kHz (± 7dB)

Physical

Cable Length:	1.85m
Weight:	465g
Dimensions:	96mm x 140mm x 85mm
Gooseneck Length:	400mm

Glass Mount Microphone – TP-GMM

The glass mount microphone is a popular choice for the client side, used in combination with a pod speaker. It offers a discreet installation with directional pickup to reduce background noise and increase gain before feedback. It can be fixed to the glass screen or other surfaces such as the screen frame or recess.

Polar Pattern:	Cardioid
Sensitivity:	-37dBV/Pa ±3dB at 1kHz
S/N Ratio:	69dB
Impedance:	1.8 kΩ
Operating Voltage:	1.5V DC (1.1V – 9V)
Weight:	29g
Dimensions:	35mm diameter, 12mm high
Cable Length:	2m





Pod Speaker – TP-PDS

Pod speakers are used on the client side in all kits and can be securely fitted to the desk to offer a robust, vandal resistant solution.

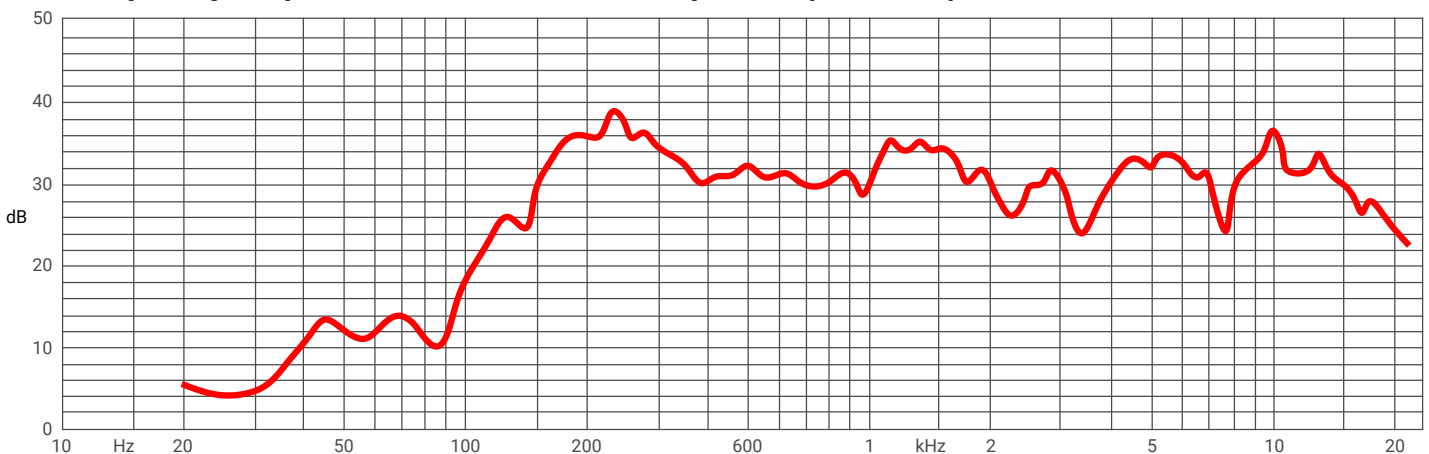
Size:	3" (80mm) diameter
Impedance:	8Ω
Power Handling:	5W Nominal, 8W Max
Sensitivity:	94dB (1w/1m) ±3dB
Frequency Response:	120Hz – 20kHz (± 7dB)
Cable Length:	1.95m
Weight:	544g
Dimensions:	101mm x 127mm x 73mm

Pod Microphone – TP-PDM

The pod microphone uses the exact same housing as the pod speaker and can be used alongside it for a fully vandal resistant and symmetrical installation.

Polar Pattern:	Omnidirectional
Frequency Response:	20Hz – 16kHz
S/N Ratio:	60dB
Impedance:	2.2kΩ
Operating Voltage:	1.5V – 10V DC
Cable Length:	1.85m
Weight:	453g
Dimensions:	101mm x 127mm x 73mm

Frequency response of Combi and Pod Speaker (free field)



TalkPerfect kits:



- TP-KIT1 Talkperfect Kit1 1 Glass Mount Mic, 1 combi + 1 Pod speaker
Normally provides best volume and sound quality
- TP-KIT3 Talkperfect Kit3 1 Pod Mic, 1 Pod speaker + 1 combi
For robust, vandal proof installations
- TP-KIT4 Talkperfect Kit4 2 Pod Mics + 2 Pod speakers
Where public access is required on both sides of the window
- TP-UX Talkperfect Unit, PSU + M/Lead Basic amplifier
No mic or speaker accessories