



Text to Speech Product Matrix

PRODUCT NAME	TTS-EM	TTS-EM-LP	TTS-EM-HD2	TTS-EM-HD3	TTS-EM-HD3E	TTS-ENC1	TTS-ENC2	TTS-WIFI	TTS-CE	TTS-EN-M	
Physical Package	Module	Module	Board	Board	Board	Enclosure	Enclosure	Enclosure	Enclosure	Enclosure	
Enclosure Style	x	x	x	x	x	Industrial	Industrial	Mobile	Industrial	Mobile	
Dimension	1x2"	1x2"	2x3"	2x3"	3x3	4x5x1"	4x5x1"	4x5X2"	4x5x1"	4x5X2"	
Interconnect I/O	Pins 2x10	Pins 2x10	Connectors	Connectors	Connectors	Connectors	Connectors	Connectors	Connectors	Connectors	
Serial / Ethernet	RS232	RS232	RS232	RS232	RS232/ETH	RS232	ETHERNET	WIFI	CELLULAR	RS232/ETH	
Auto USART TTL I/O	✓	✓	x	x	x	x	x	x	x	x	
Power	5v	3.3v	5v	9-24v	9-24v	9-24v	9-24v	9-24v	9-24v	9-36v	
Languages Supported	24+	24+	24+	24+	24+	24+	24+	x	x	24+	
Standard Language*	World TTS	World TTS	World TTS	World TTS	World TTS	World TTS	World TTS	World TTS	World TTS	World TTS	
Intelligibility	HD Quality	HD Quality	HD Quality	HD Quality	HD Quality	HD Quality	HD Quality	HD Quality	HD Quality	HD Quality	
Dynamic voice swap	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Dictionary support	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Audio Amp (W RMS)	2w	2w	2w	8/25w	8/25w	8/25w	8/25w	8/25w	8/25w	25w+8/25w	
Independent Channels	1	1	1	1	1	1	1	1	1	2	
Ambient noise detection	Ext Mic	Ext Mic	Ext Mic	Speaker	Speaker	Speaker	Speaker	Speaker	Speaker	Mic/Spkr	
Auto Volume Adjust	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Line Out	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Audio File Playback	.wav	.wav	.wav	.wav	.wav	.wav	.wav	.wav	.wav	.wav	
Solar Suspend/Standby	x	10mw	HD2-LP*	x	x	x	x	x	x	x	
USB File Transfer	✓	x	x	✓	✓	✓	✓	✓	✓	✓	
Database Support	✓	x	x	✓	✓	✓	✓	✓	✓	✓	
Remote Upgrades	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Events by Signal * (GPS)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Web Browser	x	x	x	x	✓	x	✓	✓	x	✓	
Audio file transfers	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Remote Management	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	
Technology Core	TTSEM	TTSEM-LP	TTSEM	TTSEM	TTSEM	EARBRIDGE	EARBRIDGE	EARBRIDGE	EARBRIDGE	EARBRIDGE	
Ordering notes			Select/Choose WorldTTS languages when ordering (-x)								
Ordering code	TTS-EM-x	TTS-EM-x	TTSHD2	TTSHD3	TTSHD3E	TTSENC1	TTSENC2-x	TTSWIFI	TTSCCELL	TTSENEM	

TextSpeak Design Group, Digital Acoustics Corporation Westport, CT 06880 U.S.A.
www.textspeak.com sales@textspeak.com Voice: +1 203 803-1069

This document may contain advance information. Contact factory for technical specification before product design and/or use. Design and specifications are subject to change without notice. Digital Acoustics' Text to Speech Synthesizer product designs are packaged by leading manufacturers around the world. Digital Acoustics® is a registered trademark.

© 2015 Digital Acoustics Corporation (TextSpeak Speech Products Matrix 1A 42015)

