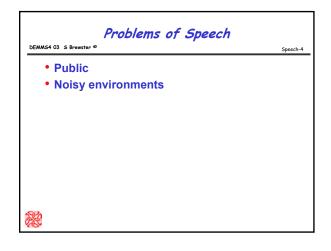


DEMMS4 03 s Brewster © Speech-3		
Remember IS3     —controlling things, describing complex ima	ges	
High expectations		
<ul> <li>A three-year old is better than current technology</li> </ul>		
<ul> <li>Speech output sounds unnatural</li> </ul>		
Transient		
<ul> <li>Input is error prone</li> </ul>		
Asymmetrical		
-speech input is faster then typing -speech output is slower than reading		



<b>Speech Synthesis</b> DEMM54 03 S Brewster © Speech-5				
Written text transformed into speech    text-to-speech	Good Medium			
• Two types of synthesiser —parameterised	Poor	₩ ₩		
-concatenative • Parameterised				
-formant based - use rules based on signal from spoken input				
<ul> <li>-articulatory - use model of vocal tract Good UK female 4</li> <li>More like musical instrument synthesis</li> </ul>				
**				



