




Marmara University, 2021

Wireless and Mobile Networks

Subject 13
Wireless Radio Systems

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Associate Professor




INTRODUCTION

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DECT TECHNOLOGY

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Digital Enhanced Cordless Telecommunication




Digital Enhanced Cordless Telecommunication (DECT)

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Digital Enhanced Cordless Telecommunication





European Telecommunications Standards Institute (ETSI)

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Digital Enhanced Cordless Telecommunication

Cordless phone

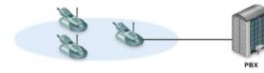
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Digital Enhanced Cordless Telecommunication



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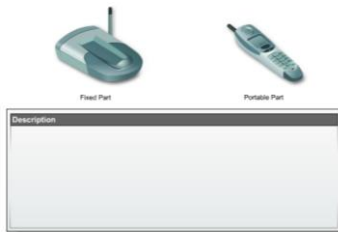
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Private Branch Exchange (PBX)

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Functional Components of a DECT Device



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Functional Components of a DECT Device



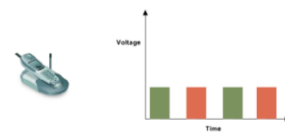
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Functional Components of a DECT Device



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DECT Operation



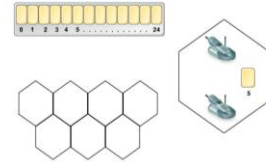
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DECT Operation



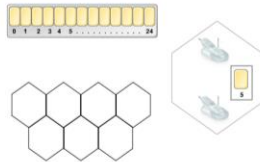
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DECT Operation



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DECT Operation



*Choice of time slot depends
on the quality of transmission*

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DECT Operation



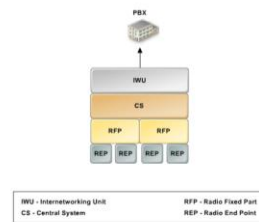
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DECT Operation



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DECT Operation



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Application Areas of DECT



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Application Areas of DECT



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Application Areas of DECT



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Application Areas of DECT

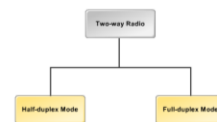


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TWO-WAY RADIO SYSTEM

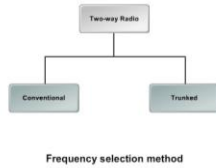
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Two-Way Radio



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Two-Way Radio



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Benefits of Two-Way Radios



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Benefits of Two-Way Radios



*Two-way radios
are useful in an emergency*

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