Longest Range Cordless Telephone Systems and Wireless Data Products
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Experience Long Range

Up to 12 Floors of in building penetration

CO / PBX
250,000 sq. ft. 3000 acres

• Warehouse
  • Retail & Grocery Stores
  • Distribution Centers
  • Manufacturing Plants
  • Data Centers

• Farmland/Ranch
  • Car Lots
  • Self Storage
  • Golf Courses
  • Marinas
DuraFon PRO Mobile Solutions

Office

• Brokerage Firms
• Hotels
• Libraries
• Multi Floor Business

School

• Assisted Living
• Government Agencies
• IT / Security
• Sports Facilities
DuraFon PRO
Long Range Cordless System

Presented by:
EnGenius Technologies

Longest Range Cordless Telephone Systems and Wireless Data Products
What is a DuraFon System?

• **Analog Cordless Telephone System**
  - 902-928 MHz for maximum range
  - Support for 32 Analog PBX or CO Lines
  - Support for 90 DuraFon Handsets or Walkies

• **Private and Secure 2way Radio System**
  - Full Duplex Handset to Handset 2-way Radio System
  - Support for 90 DuraFon Handsets or Walkies
  - Built in ‘Broadcast Page’ (single handset, group or all)
  - No License Fee or Airtime Charges!
**DuraFon Advantage!**

- No QoS Concerns
- No Annual Contracts
- PBX / Remote Broadcast
- Independent 2-way Radio System
- Lower Installation Requirements
- Independent Broadcast Page
- Indoor and Outdoor Coverage
- No Reoccurring Airtime Charges
- Expandable
- Durability
- Access to company’s PBX
- DuraWalkie
- Extreme Range

Longest Range Cordless Telephone Systems and Wireless Data Products
Standard System Features

- 9 programmable PBX functions per handset
- 6 hours talk time, 50 hours stand-by time
- Adjustable Ringer / Vibration / Silent
- Broadcast Page (All, Handset or Group)
- Call Hold
- Caller ID / Call Waiting Caller ID
- Call Logs (dialed, missed, received)
- Last Number Redial
- Music on Hold Source Input
- Mute
- Private & Secure 2-way radio system

All Systems Includes:

- (1) DuraFon Base Unit with Adapter
- (1) DuraFon Handset
- (1) Lithium ION Battery Pack
- (1) AC Charging Cradle with Adapter
- (1) Belt Clip
- (1) Optimal Performance Antenna
- (1) Low Profile Antenna
DuraFon Pro

Features:
- 4 Port / Line Base Unit
- Expandable to 8 base units (32 lines/ports)
- Supports 90 Handsets
- **Speaker Phone**
- Auto Attendant
- Call Forward (internal / external)
- 90 Entry Phone Book
- Broadcast Page Integration
- Wireless Phone Book Transfer
- Wireless Base Registration

DuraWalkie
2-way radio only
DuraFon Handset

- Damage resistant Low Profile antenna
- Damage resistant
- Low Profile antenna
- Shock-Absorbent
- Full-duplex 2-way Intercom
- 4-Line Backlight LCD
- Push to Talk Broadcast
- DuraVoice natural, superior sound quality
- 2.5mm Headset Port
- 2.5mm Line Backlight LCD
**PIA/PIB PRO Bundles**

**PIA Includes**
(1) PRO Base  
(4) Handsets  
(8) Lithium ION Batteries  
(4) Durapouches

**PIB Includes**
(1) PRO Base  
(4) Handsets  
(8) Lithium ION Batteries  
(4) Durapouches  
(1) High Gain External Antenna  
(1) Lighting Protection Kit  
*PIB Kits available with 10 or 20 meter cables*
Accessories

- **Spare Battery** (DURAFON-BA)
- **DuraPouch** (DURAPOUCH-EX)
- **Lightning Protection** (SN-ULTRA-LPK)
- **Belt Clip** (DURAFON-BC)
- **Call Box** (SN-ULTRA-CBX)
- **Digital Adapter** (SN-ULTRA-xxx)
  - (DAA = Avaya)
  - (DAN = Nortel)
  - (DAS = Siemens)
- **External Antenna** (SN-ULTRA-AKxxx)
  - (AK10L = 30 Feet coaxial)
  - (AK20L = 60 Feet Coaxial)
- **Antenna Splitter** (SN-ULTRA-AS)

Longest Range Cordless Telephone Systems and Wireless Data Products
Flexible Port Assignments

- Line/Port Dedicated
  - Managers, Foreman's, Supervisors
- Group Line/Port
  - Departments, Areas,
- Mixed
- Broadcast Page Port

**Manufactures Tip:**
For the most flexibility of the PRO system use a mix of Dedicated Ports and Group Ports.
DuraFon Display

Programmable Welcome Screen

(1) **RSSI** (Receive Signal Strength Indicator)
   - During a call, the number of bars is proportional to the radio signal strength received.

(2) **Call in-progress** (ON/OFF-Hook)
   - Indicates if phone line mode is active.

(3) **Intercom in-progress**
   - Indicates if intercom mode is active.

(4) **Handset ID**
   - Displays a handset icon and a 2-digit Handset ID.

(5) **Text Envelope**
   - Indicates if there is new text message.

(6) **Two-Digit Address Index**
   - Shows address index when viewing contents of the call logs, text messages or phonebook.

(7) **Line Indicator**
   - Indicates the number of the line being accessed by the handset.

(8) **Speaker phone**
   - Indicates if speaker phone is active.

(9) **Battery Strength**
   - * Number of bars is proportional to the amount of battery time remaining.
   - * Indicates charging when in charger cradle.

**Manufactures Tip:**
Use the ‘Naming” feature to create a unique screen indentifier for each handset, it is suggested to use the user/department name + PBX extension number so that the handsets do not get mixed up.
Only Handset 10 & 11 can administer the advanced features such as line dedication, auto attendant and base registration.
Expandability

up to 8 base units

Multi Base Private & Secure 2-way Radio Network

Expandable from 4-32 Ports and 90 Handsets or DuraWalkies

Investment Protection – Grow As You Go
Wireless Phonebook Transfer

Save on Installation Time
Transfer and Share Contact Records
Single Contact or all 90 Contacts in seconds….
Wireless Base & Handset Registration

Conveniently Add or Register
New Handsets or Base Units

Decrease Installation
Time and Expenses
**Auto Attendant**

PRO basic Auto Attendant allows outside callers or receptionist to automatically transfer callers to each DuraFon & DuraWalkie handset.

**NO Voice Mail**

Unanswered calls will recall back to a ADMIN Handset or a PBX dial string.

The PBX Dial String will allow the caller to be transferred back to a receptionist or a group mailbox when the dialed handset does not answer.

Auto Attendant can be turned on or off for each of the PRO ports

**Manufactures Tip:**

Use the PRO Auto Attendant feature to extend the current PBX configuration. This can be a cost effective solution to expensive “Forklift” upgrades.

Create 4 port PBX hunt group which rings direct to PRO base Auto Attendant. Multiple DuraFon handsets can share these (4) PBX ports giving the PBX additional handset capacity without expensive equipment upgrade.
Use the External Antenna to gain additional coverage for handsets at the docks, in the fields or on a campus.

Maintain 20’ between antennas and bases to avoid interference

*Use lightning protection kit outdoors!*
Multi-Base Coverage Enhancements

Parallel connect Ports 1-4 on each base unit (up to 8 bases) for **Extreme Range** options

Use Base Select feature via the Handset or the PRO Handset will automatically connect to a base when out of range of Base 00
Dedicated Configuration

One PBX Port for each DuraFon Port
Maximum 4 Handsets per Base

Maximum 8 Bases
Maintain 20’ between Bases for Maximum Range
Range of the 2-way Radio is slightly less than our Cordless Telephone. It does not utilize the Base antenna or the optional external antenna.

Full-duplex, private, handset-to-handset intercom call

For the best coverage with our 2-way Radio use the optimal handset antenna

Q1: When you walk into a retail store how many times have you noticed the employees using Walkie Talkies?

Q2: How about at a Restaurant?

Q3: Hospitality?

Position our 2-way Radio with users of Motorola and Kenwood 2-way Radios
Each DuraFon Handset and DuraWalkie automatically has the ability to BROADCAST a half duplex (push 2 talk) announcement to “all” handsets, a “group” of handsets or a “single” handset.

Up sell Broadcast Page for environments that do not have an overhead paging system or that may lack coverage with their paging system.

DuraFon PRO offers the ability to dedicate a port as a “Broadcast” port for integration options to PBX/VOIP systems.
Remote / Multi-Base Broadcast

Configure Port 4 of each base as a Broadcast Port

Extended Long Range Push-2-Talk Broadcast Page

Up to 8 Remote Locations

Reach hard to cover areas

- Vaults
- Refrigeration / Coolers
- Cellars / Basements
- Extend In-Building Penetration
- Extend 2-Way Radio Square Foot Coverage

Remote feature limited to PBX or Provider Services

T1, VOIP, TIE, OPX

Longest Range Cordless Telephone Systems and Wireless Data Products
PBX Broadcast Page

Desk phones can access the Broadcast Page of the DuraFon Handset

Page the DuraFon Handsets via any Desktop Telephone

Daniel pick up
Park 60

Analog Port from PBX to Dedicated Broadcast Port on PRO Base

Longest Range Cordless Telephone Systems and Wireless Data Products
Broadcast Page feature will be heard from the external speakers and the DuraFon Handsets

Manufactures Tip:
Connect an audio cable to the headset port of a DuraWalkie and to the input of the amplifier as your External Page Adaptor

EnGenius EPA (coming soon)
Do you need both Inside and Outside Coverage?

- Are there large racks or barriers that may cause interference?
- Do you have clear line of site?

**Manufactures Tip:**
Each base can support (two) external antenna’s, use these to get coverage both indoors, outdoors and hard to reach areas such as coolers, cellars or even a 2nd building.

Office building, Warehouse, or Open area?

- 12 Floors In-Building Penetration
- 250,000 Square Feet
- 3000 Acres

**Manufactures Tip:**
If you need even more range than use the PRO Multi-Base configuration with looped lines to go beyond 60 Floors and over 1 million square feet.
Longest Range Cordless Telephone Systems and Wireless Data Products

Solutions for Retailers

Stock clerks
Receive 2-way radio calls about inventory and deliveries

Customer service call boxes

Maintenance staff

Security
May utilize both the DuraFon’s telephone to contact the authorities as-well-as the built-in 2-way radio intercom to keep the team coordinated.

Parking lot runner

Cashiers
Use the 2-way radio to request: additional cashiers, price checks and customer assistance

Managers
Make, receive and transfer telephone calls with customers, staff and HQ. Use the secure, private 2-way radio to contact various staff individuals or groups. Works with existing PBX system.

Sales Staff
Make, receive and transfer telephone calls with customers. Use the integrated 2-way radio to check inventory.

Overstock Trailer

Personnel using a DuraFon telephone & 2-way radio handset

Personnel using a DuraWalkie 2-way radio only handset

Storage room

Loading dock

Aisles

Café
Solutions for Education

Ensure campus safety, staff responsiveness and student well being

Use the private 2-way radio to contact staff quickly and privately.

Use the Broadcast Feature to announce a school emergency.

Have a medical emergency? Dial 911 from anywhere!

Principals can walk the entire campus and never miss a call.

Complete coverage in classrooms, hallways, cafeteria, bus zones, playgrounds, ball fields and stadiums
Solutions for Hospitality

Improve mobility, responsiveness and guest satisfaction!

12 Floors of Coverage

Give mobility to VIP’s

Maintence & Houskeeping use the DuraWalkie

Front Desk & Managers use the DuraFon

Coverage for the entire property

Longest Range Cordless Telephone Systems and Wireless Data Products
Go Vertical - Go PRO

✓ Assisted Living Facilities
✓ Auto Dealers
✓ Big Box Retailers
✓ Book Stores
✓ Brokerage Firms
✓ Construction
✓ Equipment Rental
✓ Farms / Ranches
✓ Grocery Stores
✓ Library

✓ Luxury Homes/Estates
✓ Manufacturers
✓ Marinas
✓ Nurseries
✓ Portable Emergency
✓ Professional Service Firms
✓ Schools
✓ Self-Storage
✓ Warehouses
Questions & Answers

See all of our products by visiting the EnGenius website at:

www.engeniustech.com
888-735-7888

EnGenius Sales Department (option 1)

EnGenius Technical Department (option 2)