

SCHEDULE "A" Equipment Agreement

Agreement for: \_\_\_\_\_

City of Watertown  
106 Jones Street  
Watertown, WI 53094  
(920) 262-4000

Performed at: \_\_\_\_\_

City of Watertown  
100 S. Water St  
Watertown, WI 53094

<u>Quantity</u>	<u>Description:</u>	<u>Part Number</u>	<u>List Per Unit</u>	<u>Discount</u>	<u>Cost</u>
1	IP500 Extension Card Phone 2	700431778	\$ 263.00	25.0%	\$ 197.25
1	DuraFon Pro-HC Handset	DuraFon-Pro-HC	\$ 549.00	0%	\$ 549.00
1	4-line Base Unit for DuraFon Pro System	DuraFon-Pro-BU	\$ 1,199.00	0%	\$ 1,199.00
1	Installation Package, Shipping, Labor Warranty	2025CSI	\$ 1,564.50	25%	\$ 1,173.38

Estimate assumes all current cable is useable

All work to be completed during normal business hours

**Solution Total** \$ **3,118.63**

**Convergent Solutions**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

**City of Watertown**

Name: \_\_\_\_\_

Title: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

This agreement, if accepted, is to be governed by the "Terms and Conditions."

**SCHEDULE "A"**  
**Purchase Agreement**

**TERMS AND CONDITIONS**  
**For Schedule "A" Equipment Agreement**

**1. Payment Terms**

50% payment is due at signing  
40% payment is due when the installation process begins  
10% payment is due upon cutover of system

Purchase price fully installed (exclusive of any conduit). Labor warranty for 1-year and parts warranty as defined on the Schedule A Equipment Agreement, provided all service work is performed solely by Convergent Solutions, Inc.

**2. Creation of a Security Interest, Acceleration**

Until such time as Buyer has paid the agreed purchase price, Seller hereby retains and Buyer hereby grants a purchase money security interest in the described equipment. In connection therewith, Buyer agrees to execute all instruments deemed necessary by Seller under applicable law to establish, maintain and continue perfected Seller's purchase money security interest in the equipment of others is protecting its rights in and to said equipment.

Upon Buyer's failure to perform any of its obligations under the Agreement, Convergent Solutions, Inc., at its option, and without notice to Buyer, may thereupon declare the entire amount of the unpaid balance immediately due and payable.

**3. Limited Warranty**

Seller hereby warrants that the installation of said equipment shall be performed in a workmanlike manner. Buyer's remedy under these warranties shall be the repair and replacement by Seller at Seller's expense of non-conforming equipment or parts thereof, unless, however, the equipment or any part thereof is damaged or rendered unserviceable as a result of Buyer's negligence or a connection to direct current, in which case this warranty and any duties and obligations of Seller arising there under shall terminate immediately. In no event shall Seller be liable for consequential damages or commercial losses arising out of a breach of any warranty or any other provision contained herein.

**4. Waiver, Amendment, Notice Termination**

Any waiver or rights hereunder or any amendment or requirement of notice or termination hereof shall not be effective unless made in writing and signed by the party against whom such waiver, amendment, notice or termination is sought to be enforced.

**5. Risk of Loss**

When the equipment or any portion thereof is delivered to the installation site, Buyer shall bear the risk of loss, and the risk of loss shall remain with the Buyer regardless of any breach by Seller of any provisions hereof.

**6. Tax Obligation**

Buyer will pay promptly when due all taxes, assessments and other charges levied or assessed by any governments or governmental agency upon the sale of the described equipment

**7. Assignment**

Buyer may not delegate its performance or assign its rights under this Agreement except upon the express written consent of Seller.

**8. Benefit**

This Agreement shall be binding upon, shall inure to the benefit of, and shall be enforceable, by each of the parties hereto, its successors and assigns, except as limited by Paragraph 6 above.

**9. Construction**

This writing constitutes the final expression of the agreement between the parties and is intended as a complete statement of the terms of the agreement. No course of prior dealing between the parties and no usage trade shall be relevant to supplement or explain any term used in this Agreement. Whenever a term defined by the Uniform Commercial Code (the "Code") is used in this Agreement, the definition contained in the Code is to control unless otherwise stated herein to the contrary. This Agreement has been finally accepted in the State of Wisconsin and shall be governed by the laws of the State of Wisconsin including the Code and its amendments as effective in the State of Wisconsin.

**10. Attorney's Fees**

Buyer shall pay to Seller all attorney's fees, court costs, and all other expenses, which may be incurred by Seller in enforcing, or attempting to enforce collection of agreed costs of the equipment and the installation thereof, or against any guarantors hereof, or with respect to any matters connected with the subject matter hereof.



## DuraFon PRO™-System

# DuraFon PRO™

## Long-Range Industrial Cordless Phone Systems

The DuraFon PRO long-range cordless phone system is ideal for business and organizations with employees who conduct work on larger properties outside of a conventional office, where employees need to stay in constant contact with a main office or management team and where Wi-Fi or DECT phones can't reach.

The system complements virtually any existing telecommunications platform; it plugs right in to an existing PBX or IP-PBX phone system. Companies and organizations can start with a single base station and handset, expanding to add more as needed.

The DuraFon PRO system supports three ruggedized handset types: DuraFon PRO standard (telephone), DuraFon UHF-HC (telephone/2-way radio), and DuraWalkie (2-way radio). Mix and match handsets to provide appropriate functionality. All provide for long-range coverage areas, even without an intervening base station.

### Key Features:

- Up to 12 Floors In-Building Penetration
- Up to 250,000 sq. ft. of Facility Coverage
- Up to 3,000 Acres of Property/Open Land Coverage
- Multi-Line (4 Ports/Lines per Base Unit)
- Expandable to 8 Bases for 32 Total Lines/Ports
- Supports up to 90 DuraFon PRO, DuraFon UHF-HC, or DuraWalkie Handsets
- Works Behind any Analog Port (PBX, VOIP, PSTN, FXS or POTS)

### Users may include:

- Hotels/Resorts
- Schools, Colleges and Universities
- Sports Arenas or Stadiums
- Golf Courses
- Warehouses
- Expansive Agricultural Properties
- Industrial Plants
- Oil and Gas Fields
- Convention Centers
- Amusement Parks



## Long-Range Coverage

DuraFon series products provide superior range and coverage for the industrial market; covering up to 250,000 sq. ft. indoor, 3,000 acres outdoors and penetrating up to 12 floors.

## Rugged Housing with Durable Design

DuraFon's durable, rugged handsets are designed for use in harsh environments. Tested to withstand 4-6 foot drops over 50 consecutive times onto concrete floors, the proven durability of EnGenius DuraFon handsets ensure the phones will survive in the most challenging environments even when subjected to drops and shocks.

## Expandable, Scalable System

The DuraFon PRO system accommodates up to 8 base units, each supporting up to 4 lines and 90 handsets.

## Highly Secure

Adopting 900 mHz (902~928 mHz) FHSS (Frequency Hopping Spread Spectrum) technology, the DuraFon ensures a high level of privacy during conversations.

## Complements Existing Phone Systems

The DuraFon PRO system works with any analog line connection: landline, ATA, cellular, VoIP, or satellite. For companies that need a longer-range phone solution than what DECT or Wi-Fi can deliver, the DuraFon PRO system can complement their existing system because it works behind any analog port (PBX, IP-PBX, VoIP, PSTN, FXS, or POTS).



## Handset Features

Features	PRO-HC Handset	UHF-HC Handset	DuraWalkie Handset
Telephone	Yes	Yes	No, but can receive calls transferred from a PRO handset
2-Way Radio	Yes	Yes	Yes
900 mHz DSS, Frequency Hopping	Yes	Yes	Yes
Broadcast/Push-to-Talk	Yes	Yes	Yes
Call Hold	Yes	Yes	Yes
Call Logs: Dialed & Received	Yes	Yes	N/A
Call Transfer	Yes	Yes	Yes
Call Waiting	Yes	Yes	Yes
Caller ID	Yes	Yes	Yes
Headset Jack (2.5mm)	Yes	Yes	Yes
Intercom (Handset-to-Handset, No Group Chatter)	Yes	Yes	Yes
Keypad Lock	Yes	Yes	Yes
Line/Base Select	Yes	Yes	Yes
Message Waiting Indicator	Yes	Yes	Yes
Mute	Yes	Yes	Yes
Phone Book/Speed Dial	90 entries	90 entries	90 entries
Redial	Yes	Yes	Yes
Selectable Handset Grouping (7 Groups)	Yes	Yes	Yes
Silent Ring	Yes	Yes	Yes
Speakerphone	Yes	Yes	N/A
User Handset Naming	Yes	Yes	Yes
User-Programmable PBX Functions (9 per Handset)	Yes	Yes	Yes
Vibrate Mode	Yes	Yes	Yes
Wireless PBX Options Sharing	Yes	Yes	N/A
Wireless Phone Book sharing	Yes	Yes	N/A

## DuraFon PRO 2-Way Radio Mode

### General

Electrical Specifications	Portable Handset
Range Coverage	200,000 sq. ft./ 18,580 sq. m.
PL Codes	38
DBL Codes	83
Average Battery Life @ 5/5/90	14 Hours

### Receiver

Electrical Specifications	Portable Handset
Receiver Sensitivity (12 dB SINAD)	-122 dBm
Adjacent Channel Selectivity @ 12.5kHz	60 dB
Intermodulation rejection	55 dB
Spurious response Rejection (blocking 1MHz)	75dB
Audio Distortion	< 5%
Radiated Spurious Emissions (< 1GHz)	< -54 dBm
Radiated Spurious Emissions (> 1GHz)	< -52 dBm
Audio Output @ <5% Distortion	0.5W @ 8 ohms

### Transmitter

Electrical Specifications	Portable Handset
RF Output (Conducted into 50 Ohms)	1.0 Watts
Frequency Stability	< 2.0 ppm
Spurs & Harmonics	< -45 dBc
Modulation Limiting @ 12.5kHz	± 2.5kHz
Adjacent Channel Power	60dBc
Radiated Spurious Emissions @ 12.5kHz	< -20dbm
Audio Frequency Response (0.3 - 3.0 kHz)	+1 to -3 dB
Audio Distortion	< 2%

## DuraFon PRO System Features

### Long-Range

12 Floors In-Building Penetration  
250,000 sq. ft. of Facility Coverage  
3,000 Acres of Property/ Open Land Coverage

### Durable

Tested to Withstand 6-Foot Drops, Over 50 Times  
onto Concrete Floors

### Ports

Flexible Port Dedication: Single, Group, or All  
PBX Compatible  
PTSN (RJ11) Ports: 4  
Option to enable broadcast port

### Call Features

Auto-attendant  
Ring Group/Hunt Group Support  
Conference Calling  
Modifiable Flash and DTMF Timing  
Call Box Compatibility

### Configuration

# Talk Paths: 4 per base (32 max)  
# Supported Handsets per Base: 90  
# Bases Interlinkable: 8  
# Total Handsets Supported: 90  
# Concurrent Calls Per Handset: 2  
# Simultaneous Calls Per Base Unit: 4  
TAP Protocol Integration  
Base firmware upgradable onsite

### Battery and Charger

Li-Ion technology  
Hours of Talk Time: 6  
Hours of Stand-By Time: 50  
Hours Recharge Time: 4  
Handset and Spare Battery Charging Slots  
Battery hot-swap with call on hold

### Optional Equipment

Outdoor Antenna Kit (including antenna & cable)  
Lightning Protection Kit (including cable)  
DuraPouch  
Belt Clip  
Spare Battery  
Low Profile Handset Antenna  
Optimal Performance Handset Antenna  
Antenna Splitter (including cable)

### Value

No Monthly Bill (like Cellular)  
No Per Minute Charges (like Cellular)  
No Contracts (like Cellular)  
No annual FCC licensing fees (like 2-way radios)  
No Extensive Infrastructure Installation (like Wireless Networking with Wi-Fi Phones)  
No QoS Concerns  
No Wireless Network Interference  
Meets HIPAA Guidelines for Compliance

## Technical Specifications

Physical Specifications	PRO Base Unit	PRO-HC Handset	UHF-HC Handset	DuraWalkie Handset
Buttons	Reset	End/Power	Power/Volume knob	End/Power
	Registration	Left & Right soft keys	Left & Right soft keys	Left & Right soft keys
		Up & Down scrolling keys	Up & Down scrolling keys	Up & Down scrolling keys
		Broadcast	Broadcast	Broadcast
		Talk/Speakerphone	Mode	Key lock
		Intercom/2-Way	Talk/Flash	Intercom/2-Way
		0 – 9, #	Intercom/2-Way	0 – 9, #
			End	
			Push to Talk	
Jack(s)	Line x4	Travel charger (on charger)	Travel charger (on charger)	Travel charger (on charger)
	Audio-In x 1 (3.5 mm)	Headset (2.5 mm, on charger)	Headset (2.5 mm, on handset)	Headset (2.5 mm, on charger)
	DC x 1			
LED Indicators	Power		Walkie (on charger)	
	In-Use		Spare battery charging indicator (on charger)	
Electrical Specifications	PRO Base Unit	PRO-HC Handset	UHF-HC Handset	DuraWalkie Handset
Frequency	902-928MHz	902-928MHz	902-928 MHz (Phone mode); UHF 461- 469.5 (Radio mode)	902-928 MHz
RF Power	Peak: 708mW; Average: 304mW	Peak: 708mW; Average: 76mW	Peak: 800 mW; Average: 100 mW (Phone mode)	Peak: 708 mW; Average: 76 mW
Channel Spacing	200 kHz	200 kHz	200 kHz (Phone mode); 12.5 kHz (Radio mode)	200 kHz
Number of Channels	128	128	50 (Phone mode); 5 (Radio mode, UHF); 1 (Radio mode, 900mHz)	128
Modulation	GMSK	GMSK	MSK (Phone mode)	MSK
Multiple Access	Frequency Hopping TDMA	Frequency Hopping TDMA	Frequency Hopping TDMA (Phone mode)	Frequency Hopping TDMA
Frequency Hopping Rate	100 per second	100 per second	100 per second (Phone mode)	100 per second
TDMA Frame Length	10 ms	10 ms	10 ms (Phone mode)	10 ms
Number of Talk Paths	4	4 per base (32 max)	4 per base (32 max)	4 per base (32 max)
Receiver Sensitivity	< -108 dBm (@ BER 10-2)	< -108 dBm (@ BER 10-2)	< -109 dBm (@ BER 10-2) (Phone mode)	< -109 dBm (@ BER 10-2)
Antenna Connector	Reverse TNC	Non-standard	RP-SMA	Non-Standard
Antenna Gain	2 dBi (included); 5 dBi External (optional)	2 dBi (Long); 0.5 dBi (Short)	800 mW (Phone mode); 1 W (UHF Radio mode)	2 dBi (Long); 0.5 dBi (Short)
TX Power Control Range	N/A	708 mW	800 mW (Phone mode); 1 W (UHF Radio mode)	708 mW
Telephone Interface	RJ11 x 4	N/A	N/A	N/A
VoIP Interface	N/A	N/A	N/A	N/A
Default IP Address	N/A	N/A	N/A	N/A
Default User Name & Password	N/A	N/A	N/A	N/A
SIP Protocol	N/A	N/A	N/A	N/A
Speech Coding	8 kbps G.729A	8 kbps G.729A	8 kbps G.729A	8 kbps G.729A
Channel Coding	8 kbps Convolutional+CRC	8 kbps Convolutional + CRC	8 kbps Convolutional+CRC	8 kbps Convolutional+CRC
Transmission Data Rate	170.678 kbps	170.678 kbps	170.667 kbps	170.678 kbps
User Data Rate	128 kbps duplex	128 kbps duplex	128 kbps duplex	128 kbps duplex
Duplex	Time Division Duplex (TDD)	Time Division Duplex (TDD)	Time Division Duplex (TDD)	Time Division Duplex (TDD)
Voice Quality	TIA/EIA-470B	TIA/EIA-470B	TIA/EIA-470B	TIA/EIA-470B

## Technical Specifications continued

Electrical Specifications	PRO Base Unit	PRO-HC Handset	UHF-HC Handset	DuraWalkie Handset
Number of System ID	65,536	65,536	65,536	65,536
Ring Signal	20-50 Hz, 12-90 Vrms	N/A	N/A	N/A
Auto-Attendant Coding	8 kbps G.729	N/A	N/A	N/A
Flash Time	100-900 ms Programmable	N/A	100-900 ms Programmable	N/A
Power Source	120V/7V AC/DC Adapter	3.6V 1700mAh Li-ion Battery	3.7V, 2300 mAh Li-ion Battery	3.7v, 1700mAh Li-ion Battery
Charge Time	N/A	4 hours (from empty)	4 Hours (From Empty)	4 hours (from empty)
Charge Current	N/A	500 mA	850 mA	500 mA
Battery Talk & Standby Time	N/A	6 Hours/ 50 Hours	90 hours (Walkie off); 27 hours (Walkie mode, 5/5/90)	8 hours/50 hours
Environmental Specifications	PRO Base Unit	PRO-HC Handset	UHF-HC Handset	DuraWalkie Handset
Regulation Compliance	FCC Part 15, Part 68	FCC Part 15, Part 68	FCC Part 15, Part 68; RSS-210, CS03 (Phone mode); FCC Part 90 (Walkie mode)	FCC Part 15, Part 68; Hearing Aid Compatible
Operating Temperature	14°F – 140°F (-10°C – 60°C)	14°F – 140°F (-10°C – 60°C)	14°F – 140°F (-10°C – 60°C)	14°F – 140°F (-10°C – 60°C)
Storage Temperature	14°F – 158°F (-10°C – 70°C)	14°F – 158°F (-10°C – 70°C)	14°F – 158°F (-10°C – 70°C)	14°F – 158°F (-10°C – 70°C)
Humidity	20 – 75 %	20 – 75 %	20 – 75 %	20 – 75 %
IP Rating	N/A	IP 42	IP 55	IP 42
Dimensions	11.0" x 2.1" x 8.5" (215 x 53 x 280 mm)	2.28" x 1.22" x 6.34" (58 x 31 x 161 mm) w/short antenna	5.59" x 2.36" x 1.49" (142 x 60 x 38 mm)	2.28" x 1.22" x 6.34" (58 x 31 x 161 mm) w/short antenna
Device Weight	2 lbs. (907g)	0.39 lbs. (175g)	0.39 lbs. (175g); 0.56 lbs. (257g) including battery	0.39 lbs. (175g)

## Packaging

	DuraFon PRO System	DuraFon PRO-BU Expansion Base	DuraFon PRO-HC Handset	UHF-HC Handset	DuraWalkie Handset
<b>Master Carton</b>					
Quantity	6	6	6	6	6
Weight	34.5 lbs. (15.6 kg)	22.8 lbs. (10.3 kg)	11.4 lbs. (5.2 kg)	11.5 lbs. (5.2 kg)	11.4 lbs. (5.2 kg)
Dimensions (inches)	22" x 21" x 14"	18" x 14" x 16"	22" x 11" x 9"	18" x 13" x 9"	22" x 11" x 9"
Dimensions (cm)	55.9 x 53.3 x 35.6 cm	45.7 x 35.6 x 40.6 cm	55.9 x 27.9 x 22.9 cm	45.7 x 33 x 22.9 cm	55.9 x 27.9 x 22.9 mm
<b>Contents</b>					
Base Station	1 (DuraFon PRO BU Base Station)	1 (DuraFon PRO BU Base Station)	N/A	N/A	N/A
Base AC/DC Adapter	1	1	N/A	N/A	N/A
Base Antenna	1	1	N/A	N/A	N/A
Handset	1 DuraFon PRO HC Handset	N/A	1 DuraFon PRO HC Handset	1 DuraFon-UHF-HC Handset	1 DuraWalkie Handset
Handset Antenna	Low Profile Handset Antenna x 1; Optimal Performance Hand-set Antenna x 1	N/A	Low Profile Handset Antenna x 1; Optimal Performance Hand-set Antenna x 1	1 Handset Antenna	Low Profile Handset Antenna x 1; Optimal Performance Hand-set Antenna x 1
Battery	1700mA Li-ion Battery Pack	N/A	1700mA Li-ion Battery Pack	2300mA Li-ion Battery x 1	1700mA Li-ion Battery Pack
Desktop Charger	1	N/A	Desktop Charger	Desktop Charger	Desktop Charger
Charger AC/DC Adapter	1	N/A	Charger AC/DC Adapter	Charger AC/DC Adapter	Charger AC/DC Adapter
Telephone Cord	4	4 Telephone Cords	N/A	N/A	N/A
RJ-45 Cable	N/A	N/A	N/A	N/A	N/A
Audio In Cable	Audio In Cable	Audio In Cable	N/A	N/A	N/A
Belt Clip	Belt Clip	N/A	Belt Clip	Belt Clip	Belt Clip

Packaging continued

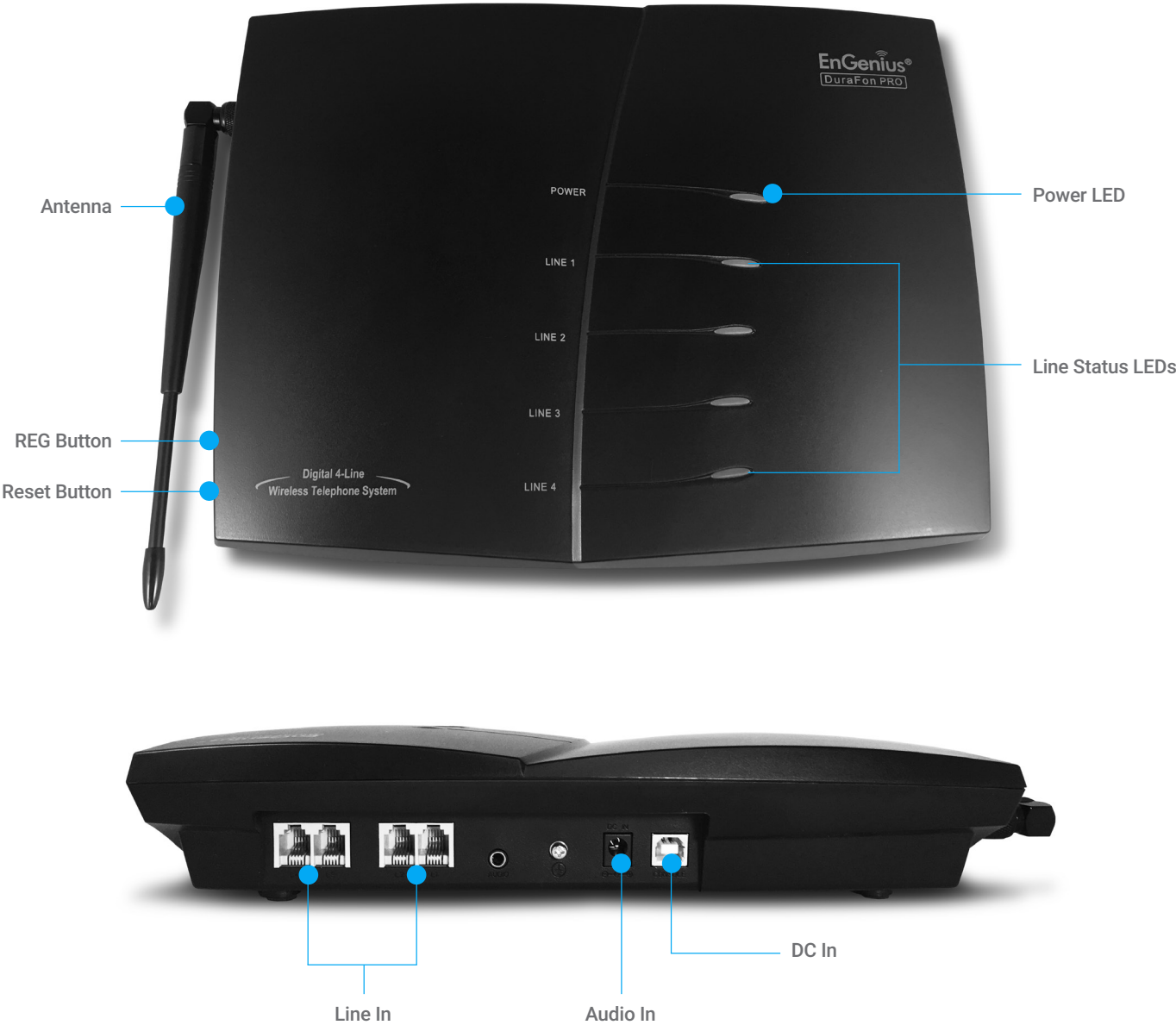
	DuraFon PRO System	DuraFon PRO-BU Expansion Base	DuraFon PRO-HC Handset	UHF-HC Handset	DuraWalkie Handset
Contents					
Durapouch	N/A	N/A	N/A	N/A	N/A
User's Manual	1	N/A	N/A	N/A	N/A
Quick Guide	1	1	1	1	1
Warranty	1 Year; Extended 3 Year (optional)	1 Year; Extended 3 Year (optional)	1 Year; Extended 3 Year (optional)	1 Year; Extended 3 Year (optional)	1 Year; Extended 3 Year (optional)
FCC Certified	FCC Part 15, Part 68	FCC Part 15, Part 68	FCC Part 15, Part 68	FCC Part 15, Part 68; RSS-210 CS03 (phone mode); FCC Part 90 (Walkie mode)	FCC Part 15, Part 68

DuraFon PRO Handset





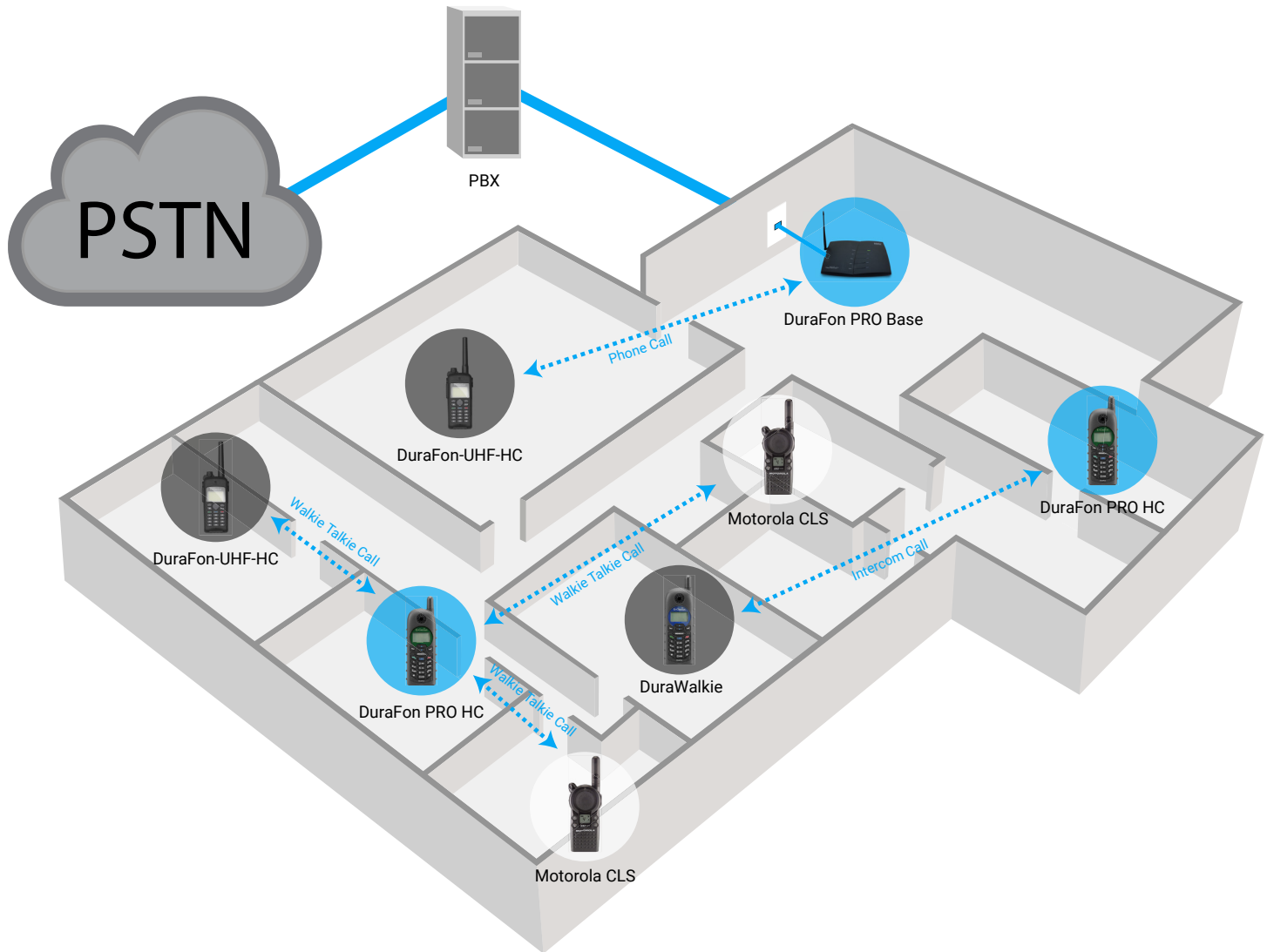
DuraFon PRO Base Station



DuraFon PRO Charger



## DuraFon PRO Application



This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference, the user is encouraged to try to correct the interference, see User Manual for additional information. Base Station: This equipment complies with FCC radiation exposure limits and should be installed and operated with minimum distance 20cm between the radiator and your body. This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter. Handset: This equipment complies with FCC radiation exposure limits. End users must follow the specific operating instructions for satisfying RF exposure compliance, to do this, please follow operation instruction as documented in the User Manual. This device complies with RSS-210 of the Industry Canada Rules and with IC radiation exposure limits.

EnGenius Technologies | 1580 Scenic Ave. Costa Mesa, CA 92626

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