

ASE HEADQUARTERS PUSH-TO-TALK (PTT) ASE-9575P-HQ



SUMMARY OF KEY FEATURES

- PROVIDES OFFICE/IN-BUILDING SOLUTION FOR IRIDIUM PUSH-TO-TALK (PTT)
- NATURAL USE WITH PALM/SPEAKER MIC.
- EXTEND USE WITH ANALOG PHONE ANYWHERE IN BUILDING (USE # KEY FOR PTT)
- EASY CONNECTION TO IRIDIUM ANTENNA FOR INDOOR USE
- CONNECT GPS ANTENNA (OPTIONAL USE OF GPS ANTENNA-SEE DISCUSSION)
- RELIABLE ASE EQUIPMENT

ASE-9575P-HQ HEADQUARTERS Kit

Shown below are the components that are included with, or needed for the ASE-9575P-HQ KIT.



Antenna Solutions

Purchase separately-Antennas and cable systems for HQ applications.



Power Brick AC/DC

Reliable AC/DC Power Supply. Please specify Country Type.
Included in the kit.



Office Mount

Mounting for Flexible Installation. Pedestal and RAM Mount together.
Included in the kit.



ASE-9575P-HQ

Voltage	10-32 VDC	Cable or DC Adapter
Power	12 Watts	Active Peak
Antenna Connections	Iridium TNC-F	GPS SMA-F
Operating Temp	-10 to 55 C	
Dimensions	13 x 6 x 4.5 in.	33 x 15 x 11.5 cm
Weight	3.5 lbs.	1.6 KG
Shipping Weight	6.0 lbs.	2.7 KG
Shipping Dimensions	16 x 14 x 8 in.	41 x 36 x 20 cm

IRIDIUM 9575 PTT/VOICE HEADQUARTERS DOCKING STATION

rev 0.01

ADDITIONAL FEATURES/COMPONENTS



Easy Office Integration
 Use with Office Phones
#-Acts as the PTT Button Press
 Run Long Distances into Buildings easily

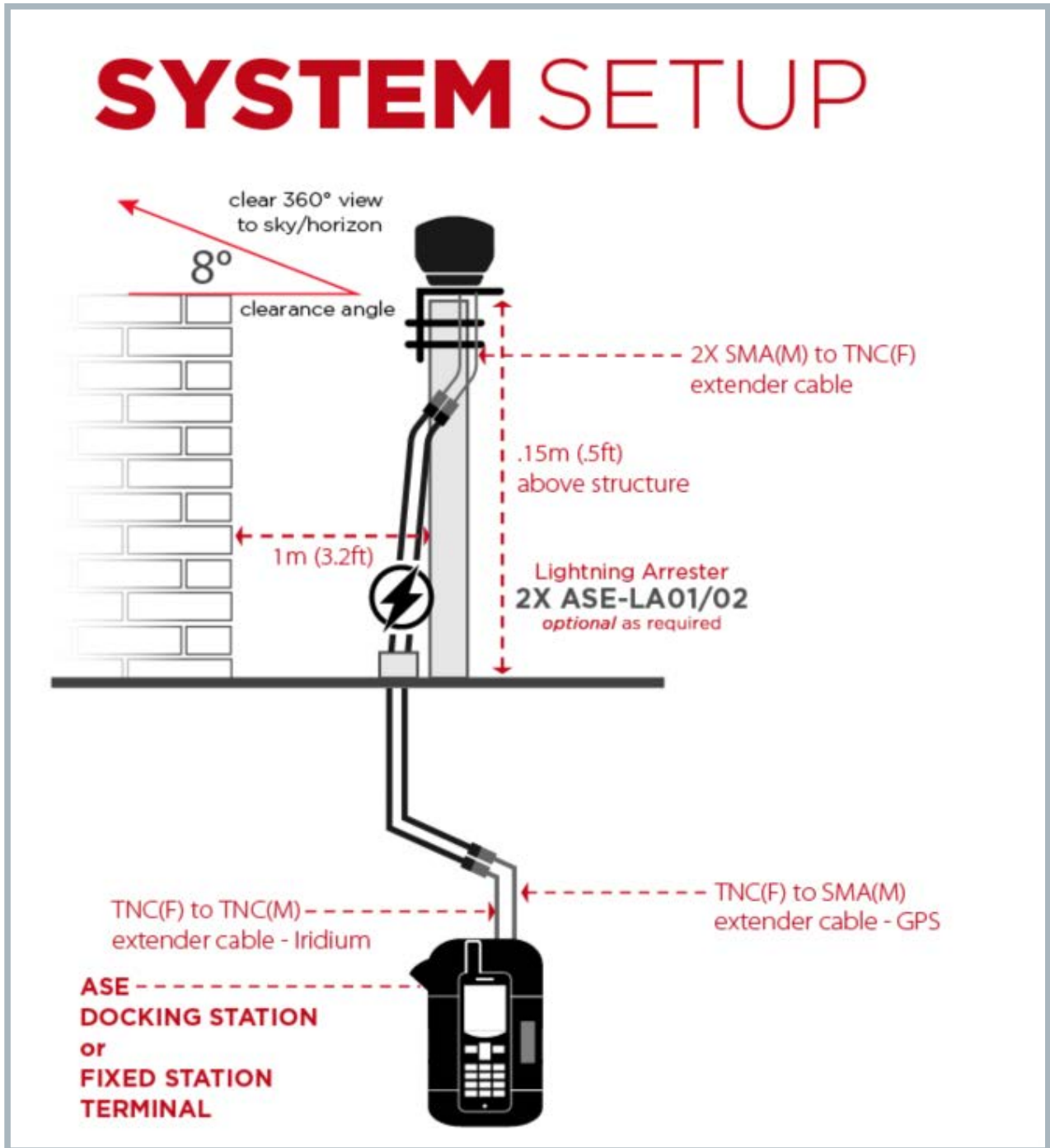


PTT Eco-System
 Integrate easily with the field.
ASE Vehicle Solutions.
ASE Portable Solutions.
ASE Interoperability Solutions.



Antennas go the Distance
 Passive Antennas up to 20 Meters. Active Antennas up to 105M
Antennas not included- Purchase separately.

EXAMPLE INSTALLATION



HQ INSTALLATION DIAGRAM

PTT PACKAGES and COMPONENTS-HQ

SHIPPING INFORMATION

ASE-9575P-HQ-P	Standard/Push to Talk Docking Station with POTS and GPS - includes dock, office mount, fist speaker/mic. RECOMMENDED FOR PUSH-TO-TALK applications	
	Harmonized Code - HTS#: 8518.30.2000 ECCN: EAR99	
	Shipping Dimensions: 16 x 14 x 8, 6 LBS (41cm x 36cm x 20cm, 3 kg)	
ASE-9575P-HQ	Standard/Push to Talk Docking Station with POTS and GPS - includes dock, office mount. RECOMMENDED FOR VOICE OR INTEGRATE WITH OFFICE PHONE applications	
	Harmonized Code - HTS#: 8518.30.2000 ECCN: EAR99	
	Shipping Dimensions: 16 x 14 x 8, 6 LBS (41cm x 36cm x 20cm, 3 kg)	
ASE-DA12	DA12 - 40 ft (12 m) 2 x LMR400 cable, Dual (Irid/GPS) antenna	
	Harmonized Code - HTS#: 8517.70.0000 ECCN: EAR99	
	Shipping Dimensions: 16 x 14 x 8, 12 LBS (41cm x 36cm x 20cm, 5 kg)	
ASE-DA20	DA20 - 66 ft (20 m) 2 x LMR600 cable, Dual (Irid/GPS) antenna	
	Harmonized Code - HTS#: 8517.70.0000 ECCN: EAR99	
	Shipping Dimensions: 20 x 16 x 14, 20 LBS (51cm x 41cm x 36cm, 9 kg)	
ASE-DA40	DA40 - 131 ft (40 m) 2 x RG214 cable, active antenna, and GPS antenna	
	Harmonized Code - HTS#: 8517.70.0000 ECCN: EAR99	
	Shipping Dimensions: 20 x 16 x 14, 20 LBS (51cm x 41cm x 36cm, 14 kg)	
ASE-DA70	DA70 - 230 ft (70 m) 2 x LMR400 cable, active antenna, and GPS antenna	
	Harmonized Code - HTS#: 8517.70.0000 ECCN: EAR99	
	Shipping Dimensions: 22 x 18 x 16, 52 LBS (56cm x 46cm x 41cm, 24 kg)	
ASE-LA01	Lightning Arrestor - for active antenna	
	Harmonized Code - HTS#: 8517.70.0000 ECCN: EAR99	
	Shipping Dimensions: 8 x 8 x 8, 2 LBS (20cm x 20cm x 20cm, 1 kg)	

GPS ANTENNA FOR PTT?-A DISCUSSION

Do I really need a GPS Antenna for a Headquarters Installation?

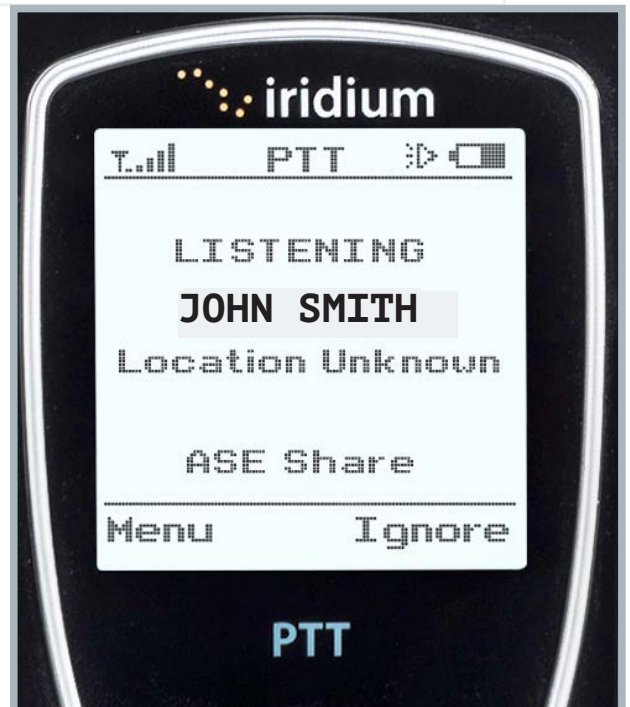
NOT REALLY

Many people think that the GPS antenna is required for the Talk-Group coverage, but this isn't true. Iridium has its own GPS derived from doppler on-board the satellites. The GPS for the 9575 is used for the SOS-distress button on the 9575 Handsets.

What if I don't use a GPS Antenna? What will happen?



WITH GPS ANTENNA-POSITION KNOWN



WITHOUT GPS ANTENNA-POSITION UNKNOWN

Shown on the left is a PTT Screen that has a GPS antenna connected. Note that the distance is 232 km to the Handset that is speaking. If we disconnect the antenna, shown on the right the same PTT screen shows "Location Unknown". The System still works fine without the GPS antenna.

A "WORK-AROUND"--SAVE COST, STILL GET FULL FUNCTIONALITY

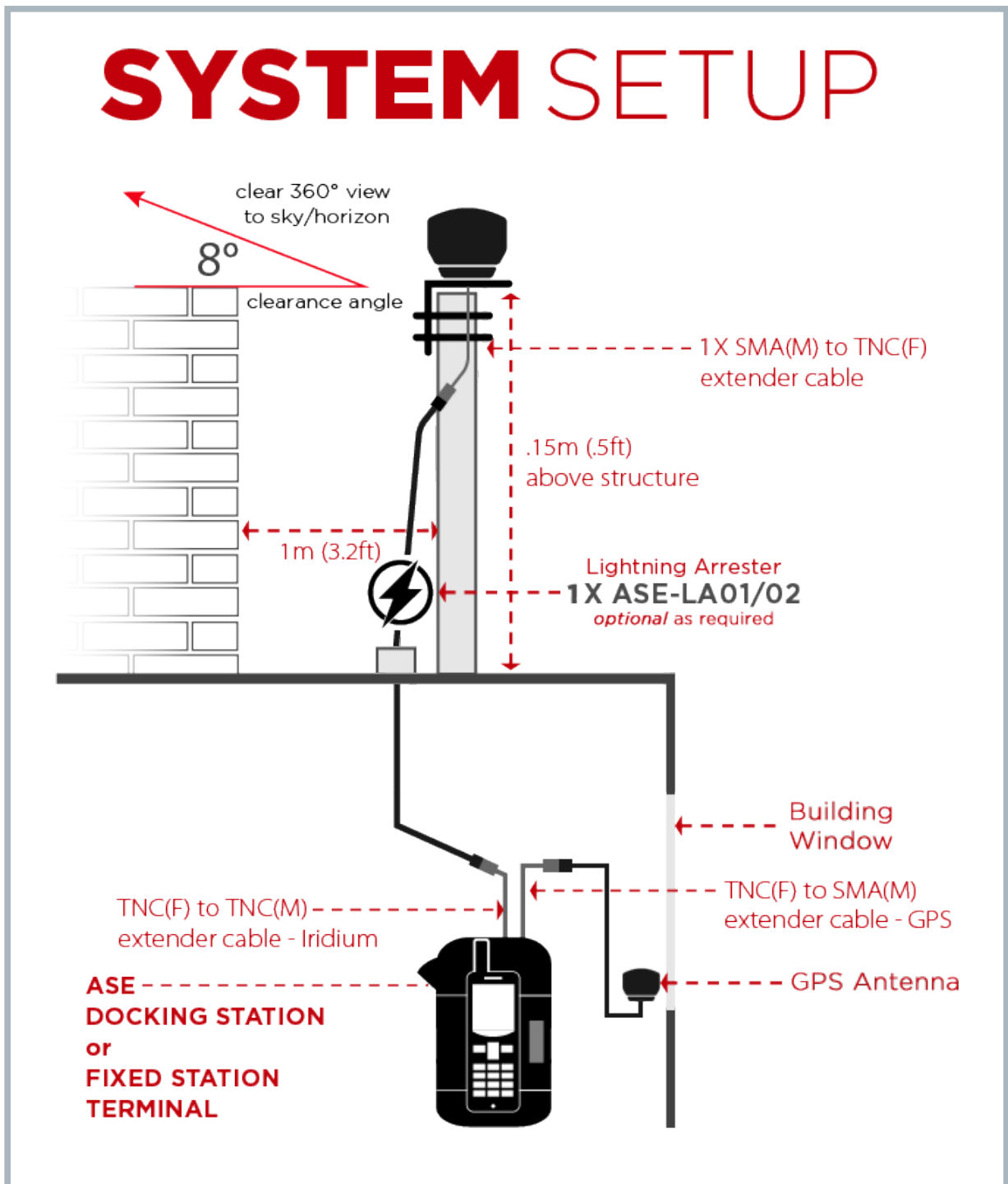
Shown on the next page is a "work-around" that preserves all functionality while saving the additional cost of purchasing and installing a GPS antenna on the rooftop.

GPS ANTENNA-CONTINUED...

POSSIBLE "WORK-AROUND"

Keep in mind, the first thing to consider is to move the Docking Station as close to the upper floors of a building as possible and route an analog phone to where you would like the communication to occur. If this isn't possible, shown below is a quick "work-around."

USE A INEXPENSIVE GPS ANTENNA NEAR A WINDOW.



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