

Tow Truck Radio Communication Monitoring Solution







- *The Next Generation of Tow Truck Radio Monitoring has Arrived*
- *Compact size fits perfectly in tow truck, uses minimal space*
- *Affordable price and perfect product with security of warranty and repair service*



Please contact us with our Toll Free phone number: 888-657-2963
or leave a message on the Unication Website: <https://www.Unication.com>
or <https://www.UnicationUSA.com>
Thank you.

Tow Truck Radio Communication Monitoring Solution

INDEX

Content	Page
 Part. A Company Profile	1
 Part. B Tow Truck Radio Communication Monitoring Solution preface	2
 Part. C Specialties of the Unication Tow Truck Radio Communication Monitoring System	4
 Part. D Apperance	5
 Part. E Installation Steps	6
 Part. F Specification	9

Part. A

Company Profile

Unication / Uni. Group was founded by seven communication experts in 1992. From these humble beginnings, we have continuously expanded our production scale and improved our innovative skills, and now the Unication banner has 500 employees all over the world, over half of which are highly trained engineers. Nowadays Unication stands as a leader in the world's communications market. Unication headquarters is located in Taipei, Taiwan, and we have branch offices located in Arlington, Texas (USA), Vancouver (Canada), and Guangzhou (China).

Unication is specialized in the development and manufacturing of advanced communications related products, such as voice pagers and two-way radio communications systems. Our products are specifically designed for the usage of emergency services, public safety and homeland security sectors. Critical rescue, paramedics and firefighters hold the reliability of our voice pagers in high regard, while Military officials and policemen prize our two-way radio systems for their ruggedness and many features. We are very proud of integrating up-to-date automotive control facilities with our engineers' technical know-how, and we are always efficient in satisfying our clients' demands. Unication has also successfully established effective partnerships (both in design and manufacturing) with some of the most illustrious companies worldwide, such as Motorola, Verizon, Philips, Texas Instruments, American Messaging, Vodafone, LG ... and many more, establishing a global brand that is well-known to experts in the field.

Unication continuously seeks to provide faster, higher quality service than ever. This is our ultimate mission: to be a customer-driven company, striving to not only meet our customer's expectations, but also exceed them.



Part. B

Tow Truck Radio Communication Monitoring Solution preface

The G-Series Radio Communication Monitoring Solution is designed for tow truck drivers and tow truck service companies, to allow them to listen to police radio traffic and rapidly arrive at the location where towing service is needed. The solution is designed to help increase the income of tow truck drivers/service companies as they assist to solve the traffic jams caused by accidents. Unication understands that towing service is a great contribution for people and society, which is why police and traffic officials allow tow truck drivers to listen to their radio traffic. From a survey, we found that the tow truck drivers or companies usually buy used mobile radios due to budget. The quality of the used mobile radio is unstable and there is no warranty or repair service included. Additionally, the radio products large bulky size makes it difficult to carry when off duty. This can lead to missed business opportunities when on lunch or rest breaks. Traditional analog systems or digital Radio (P25C, DMR) remain the better choice because the radio systems have been around for some time and more replacement products are available at lower prices. However, more recent Federal Government policies have affected traditional Analog or Digital Radio Communication Systems in that they are gradually switching over to the P25 Phase 1 or Phase 2 system, which has negatively impacted the Tow service industry:

1. Because the equipment price of P25 Phase 1 or Phase 2 Trunk Radio System is much higher than traditional analog or digital radio equipment, and the start time of the system is relative late, the number of used radio products in the market is small and the price is high. That impacts the tow service industry. If they do not install monitoring equipment you run the chance of losing business opportunities, but it is difficult to find used radio equipment in this newer technology in addition to reluctance to install new products.
2. P25 trunking radio (Phase 1 or 2) requires programming the TGID you want to monitor. When turned on, the radio will register on the P25 trunking system. Because all tow truck radios work this same way, it can cause the number of radios monitoring the TGID group to exceed the regulations of the trunking radio system, and the control center then replaces it with a new the TGID to avoid the interference caused by too many tow truck mobile radios registering on the system. However, due to the characteristics of our G4 and G5, you can program and listen to any TGID without registering into the P25 trunking network. The G4/G5 avoids system interference because it does not register or affiliate with the system. This eliminates the control center from having to replace the TGID, and tow truck drivers can continue to listen to the information on the same TGID without the effort and expense of constant reprogramming.

Upon understanding these two issues facing the towing service industry, Unication designed the Radio Communication Monitoring System Solution; supporting Analog, Conventional Communication and Digital (DMR, P25C, P25 Trunking Phase 1 & 2) Systems. Not only that, but also these features below:

1. Radio designed for towing service industry
2. Affordable price and perfect product warranty and repair service
3. Let you listen to the radio call in the tow truck or outside the car (because the size is small, designed to be portable), so the tow truck driver will not lose business opportunities when eating at the restaurant.
4. The system is small in size and does not take up install space in tow truck.
5. Reduce the chances of re-programming TGID.



Part. C

Specialties of the Unication Tow Truck Radio Communication Monitoring System

The solution includes the Unication G-Series Voice pager and the Tow Truck charging cradle designed specifically for Tow Trucks to listen to radio communications. The specialties are:

1. Unication's Tow Truck charging cradle contains speaker amplifiers and the size of the cradle is much smaller than the general mobile radio. This means that installing the Unication Tow Truck solution is simple and easy, saving installation time and costs.
2. Unication's Tow Truck Solution utilizes the G-series Voice pager as radio monitor, and the G-series Voice pager does not need to perform TGID / SUID registration over the radio network to listen to radio messages. Therefore, the G-Series Voice pager does not interfere with the radio network and keeps the TGID stable. Public Safety departments do not need to change TGIDs frequently to avoid interference. Therefore, tow truck drivers do not need to frequently change the TGID that they want to listen to.
3. If you need to modify the TGID, you only need to modify the TGID by Unication's APP. Which allow you to easily modify it and no need to pay the additional cost for reprogramming TGID.
4. Unication's Tow Truck Solution utilizes the G-series Voice pager as radio monitor, and the G-series Voice pager can be placed in the Unication Tow Truck charging cradle installed in the tow truck. When the tow truck driver needs to leave the towing truck to have lunch, the tow truck driver only needs to take the G-series Voice pager from the Unication Tow Truck charging cradle and listen to the radio message at any time and will not miss any business opportunity.



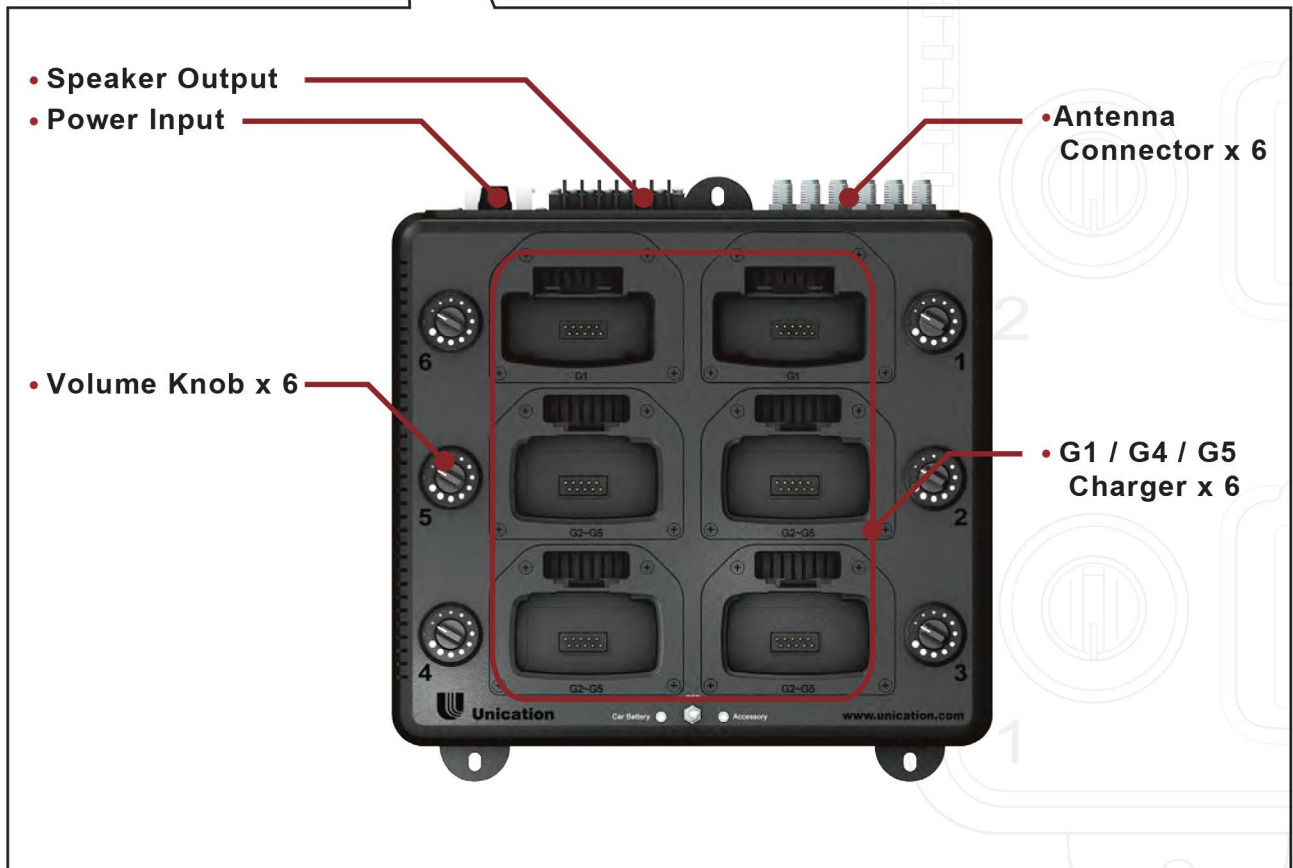
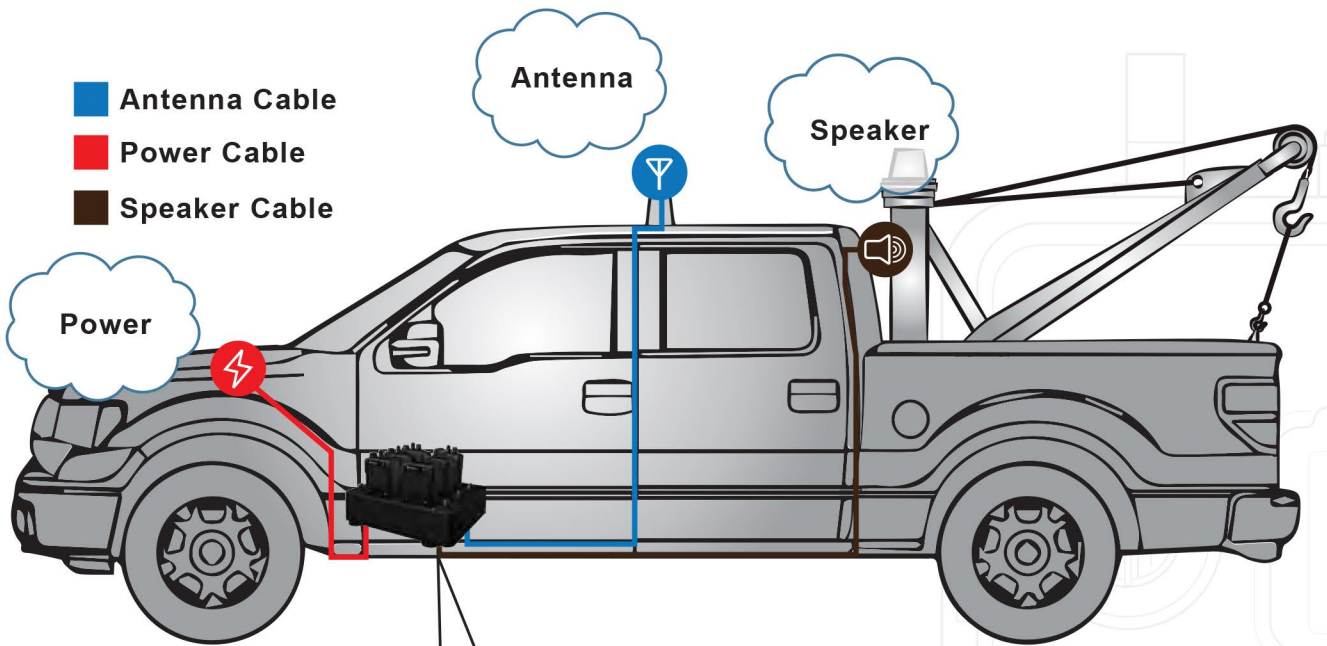
Part. D

Apperance



Part. E

Installation Steps

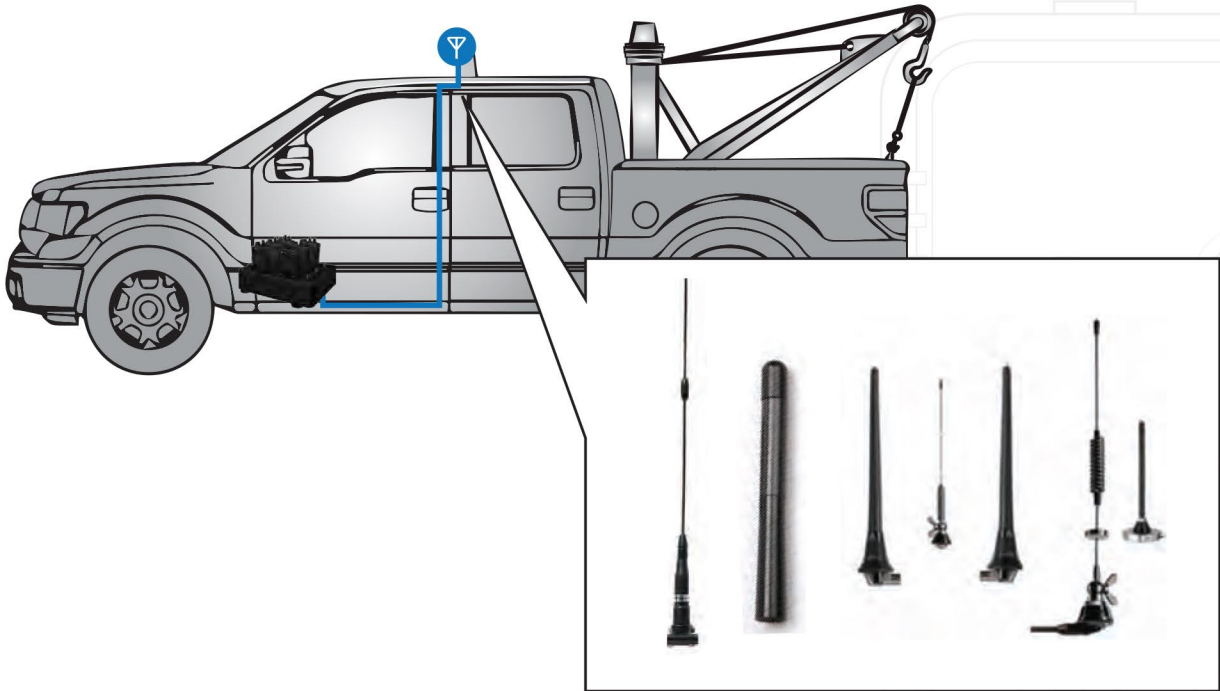


Part. E

Installation Steps

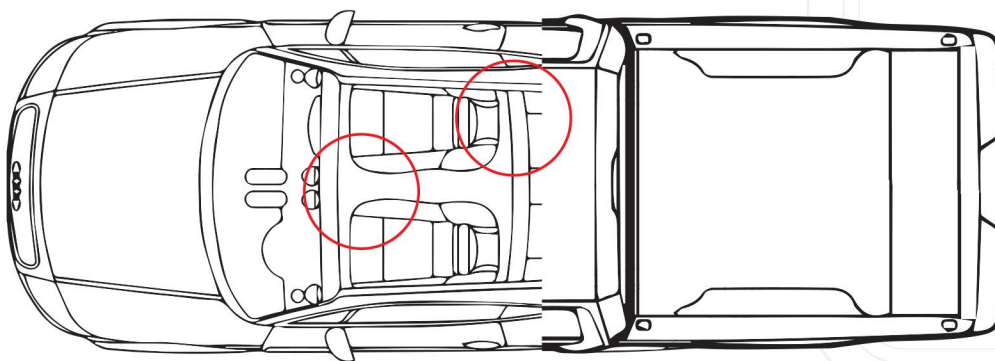
● Step. 1

Install the antenna and power cable to the proper place on truck



● Step. 2

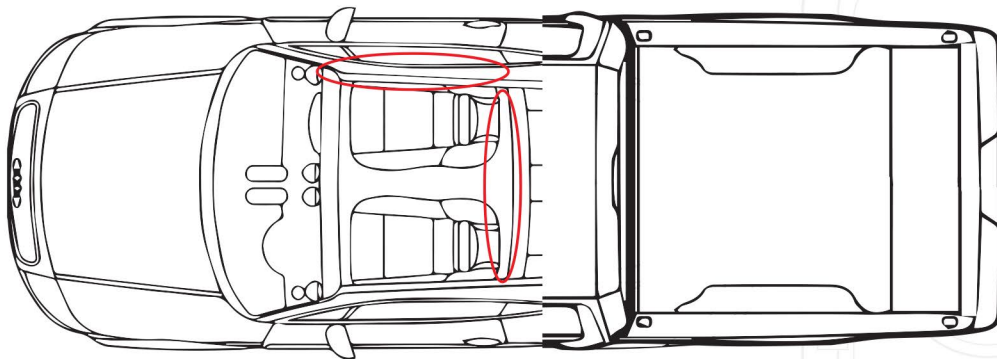
Install the Radio monitoring solution and lockup on the truck (any suitable place)



Part. E

Installation Steps

- Step. 3
Install the Speakers in the truck (any suitable place)



Part. F

Specification

<i>Tow Truck Solution General Specifications</i>	
<i>Power Input</i>	DC 12 V/ 5A
<i>Audio Output</i>	2.5 W (8 ohms), 5.5 W (4 ohms)
<i>Operation Temperature</i>	-20°C to + 60°C
<i>Operation Humidity</i>	< 90%
<i>Antenna Connector</i>	Mini UHF Connector x 6
<i>External Speaker Connector</i>	Terminal Block (6 Sets)
<i>Fuse</i>	250 V / 10 A
<i>Dimension (L x W x H)</i>	270 x 240 x 68 (mm)
<i>Weight</i>	2.35 kg

Unication