

GESCOM VCS

Vehicular Communications System

The most complete family of
**crew boxes for Software Defined
VCS and Intercom Systems**

Designed to **provide tactical encrypted voice
communications** for a wide range of vehicles,
platforms and configurations



MODEL:
ARAU

RFE
RF ESPAÑOLA

rfe.es |

FEATURES

RADIOCOM AND INTERCOM	Access and configuration of the radiocom and intercom of the vehicle by means of a complete screen and keyboard interface for an advanced configuration. Keyboard functions and information displayed on screen can be configured.
SERVICES	Software defined system that is highly adaptable to the platform and the user's requirements. For each operator the ARAU crew box allows: - Selecting PTTs radios - Selecting PTTs of the talk group - Volumen control - VoIP calls - Zeorize - Creation and management of roles
TELEPHONY	Authorized SIP client for logging into the SIP server provided by GESCOM VCS. High quality full-duplex VoIP service.
LAN	A dedicated LAN port to connect to: - GESCOM VCS - Tactical switch TSM - Standard switch The LAN port supports PoE.
HMI	Using keyboard and screen. The complete configuration by means of a web interface allows: - Radiocom parameters - Intercom parameters - SIP client parameters - Selectors configuration - Talk groups configuration
COMPATIBILITY	Hybrid integration with GESCOM-SIM

TECHNICAL PARAMETERS

DIMENSIONS	166 x 155 x 88 (mm) (WxHxD)
WEIGHT	Maximum 1,08 Kg.
MATERIAL	Aluminum 5083
TREATMENT	Anodized, antifungal, salt spray and EMI
COLOR	Matte black (customization for other colors)
POWER SUPPLY	9-40 VDC ARAU also supports PoE provided by the tactical switch TSM
CONSUMPTION	Standby: 12 W / Medium: 16 W / Maximum: 20W
STANDARS	Environmental: MIL-STD-810 / Power supply: STD-MIL-1275E
TEMPERATURE	Storage and operation according to MIL-STD-810G, Methods 501 and 502

P/N

ARAU	RFE-ARAU-301 (ODU Connector) RFE-ARAU-302 (GC Connector) RFE-ARAU-303 (Fischer Connector) RFE-ARAU-XXX (new connectors to be defined)
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ASSOCIATED CABLING

ITEMS	VARIOUS FINISHES
LAN CABLE	Pigtail RJ45 connector Variable length according to need
VDC CABLE	Pigtail Variable length according to need
TRANSITION CABLE FOR HEADSETS AND HANDSETS	Transitions can be provided for headsets and handsets with different connectors: GC, ODU, Fischer...
TACTICAL SWITCH TSM	Special cable for a direct connection Variable length according to need

CONFIGURATION:

The complete system can be configured through a Tablet/PC and a web page.



Encryption

All outbound voice communications from ARAU are encrypted by means of GESCOM VCS



Radiocom

For both operators, complete access to all radios, as well as the all created talk groups



Intercom

For both operators, complete access communications inside vehicle, as well as the all created talk groups



SIP Client

Authorized register in GESCOM VCS
High quality VoIP calls



GESCOM VCS
Vehicular Communication System

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