BECKER AVIONICS

DVCS6500
Digital Voice Communication System

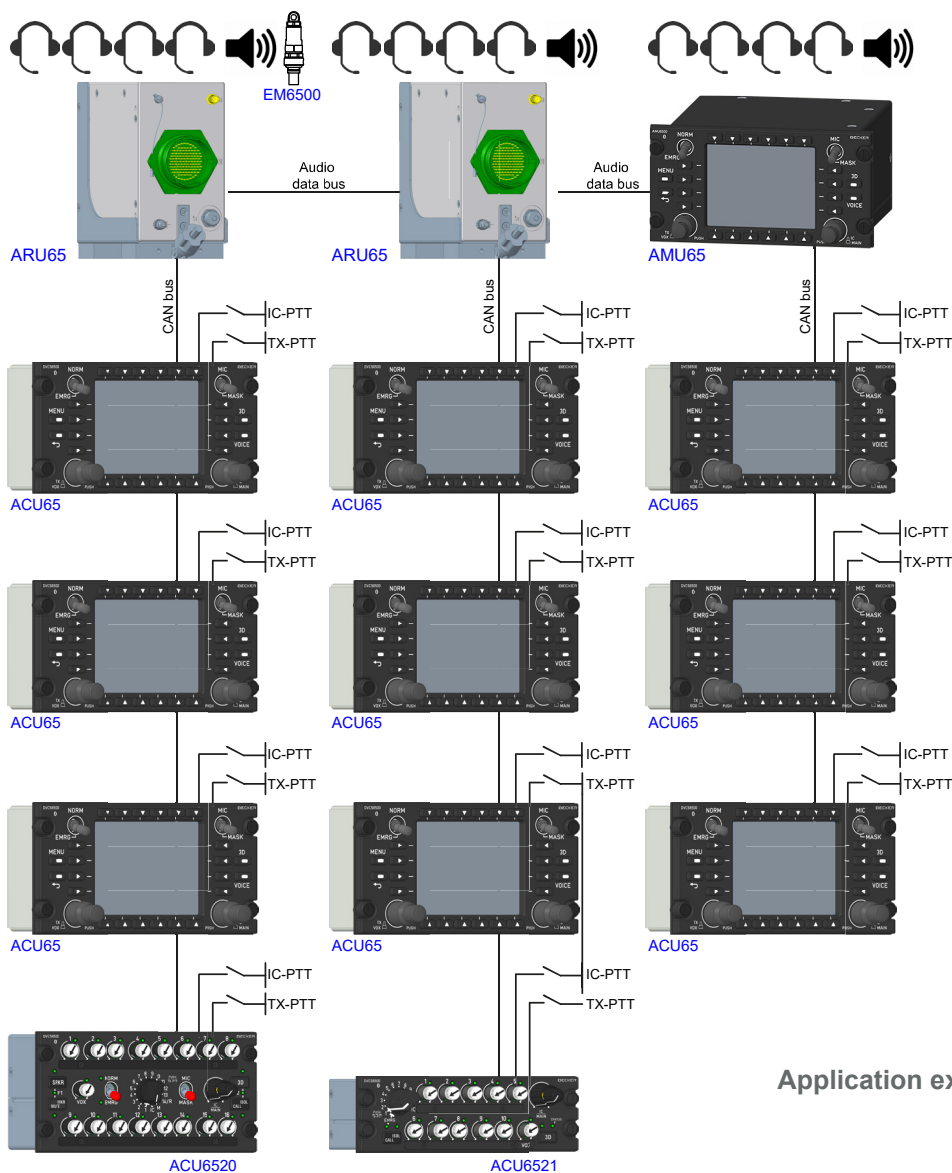| 3D AUDIO	Certfied SelCal	Guard Radio	Winchman

BECKER AVIONICS -

DVCS6500 - Digital Voice Communication System

The Becker Avionics DVCS6500 intercom family is a leap ahead in technology and capability which is designed for rotary and fixed wing aircraft. The system was created by combining the customers need for cost efficiency, lightweight, reliability, low power consumption and limited space available in modern aircraft.

A modular and decentralized system design has been implemented to allow a maximum flexibility and scalability. The new flexibility of the DVCS6500 allows to program the functions and the HMI to cover all the needs in the mission and aircraft configuration.

- ■ Allows for a single operator or up to 12 operators to manage up to 12 transceivers and 21 additional audio inputs.

- ■ Individual volume control of each transceiver and receive only station while allowing each operator to select a voice activated intercom capability (VOX) or a push to talk (PTT) setting for internal aircraft communications.

- ■ The Bluetooth connection allows portable handheld radios, cell phones or headsets to be connected directly to the system.

- ■ Audio recording with playback capability.

- ■ Certified SelCal.

- ■ True 3D audio system allows a full audio immersion experience to the crew that allows for a safer aircraft by increasing situational awareness and reduces crew fatigue.

- ■ Customizable by the customer using a combination of the DVCS6500 hardware family to design the perfect system for their individual mission.

- ■ Windows-based customizable software allows for complete customer configuration.

Application example

BECKER AVIONICS -

DVCS6500 - Digital Voice Communication System

- ■ **3D Audio (static, dynamic)**
- ■ **Certified SelCal**
- ■ **Alert Tone Generator**
- ■ **Winchman**
- ■ **Radio Management**

- ■ **Split HMI**
- ■ **Up to 4 Intercom Circuits**
- ■ **NVIS versions available for all control panels**
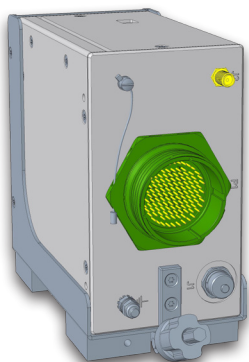- ■ **Easy device change thru replaceable external memory module for configuration**

Audio Management Unit

AMU6510 - Audio Management Unit

The AMU6510 is the combination of the control unit and the audio remote unit in a single-block device. The AMU6510 can be operated as a standalone digital audio management unit or as part of a mission tailored system. Due to the single-block design, all interfaces are in one place. But even in larger systems, the cabling effort is reduced, as all interfaces in the DVCS6500 system are available throughout the system via the digital audio bus from Becker Avionics.

Audio Control Unit - ACU6510

ACU6510 - Audio Control Unit

The ACU6510 is an operating panel with display. With the integration of the ACU6510 in the DVCS6500 system it is possible to provide an individual control panel to all users in the system. The ACU6510 is designed to minimize the panel space required in the cockpit or mission control desk to optimize the installation when space and weight is critical.

Audio Control Unit - ACU6520, ACU6521

ACU6520, ACU6521 - Audio Control Units

The ACU6520 and ACU6521 are equiped with proven potentionmeters giving access to up to 14 transceivers. The ACU6521 with only 5HE DZUS height can be installed in the smallest installation places. Customized panel adaptations for vertical installations are also available.

Audio Remote Unit with mounting tray

ARU6510 - Audio Remote Unit

At some occasions, even the most compact construction size is still of a too large and heavy scale for a panel installation. Therefore, we have designed the Becker Avionics ARU6510 audio remote unit in a distant position like the electronic bay. The ARU6510 can be controlled by ACU6510, ACU6520 and ACU6521 audio control units or can be connected to a glass cockpit.

LIGHT&SPORT AVIATION   BUSINESS&COMMERCIALAVIATION   SPECIALMISSIONS   AIR TRAFFIC MANAGEMENT

LIGHT&SPORT AVIATION

BUSINESS&COMMERCIAL AVIATION

SPECIAL MISSIONS

AIR TRAFFIC MANAGEMENT

Intercom Conference	Split HMI	Radio Management	Certfied SelCal	

Becker Avionics GmbH
Flugstraße 22
76532 Baden-Baden
Germany

info@becker-avionics.com

Becker Avionics, Inc.
10376 USA Today Way
Miramar, Fl 33025
USA

info@beckerusa.com

www.becker-avionics.com