

BECKER AVIONICS



DVCS6500

Digital Voice Communication System

3D AUDIO

Certified
SelCal

Guard
Radio

Winchman



LIGHT & SPORT AVIATION



BUSINESS & COMMERCIAL AVIATION



SPECIAL MISSIONS

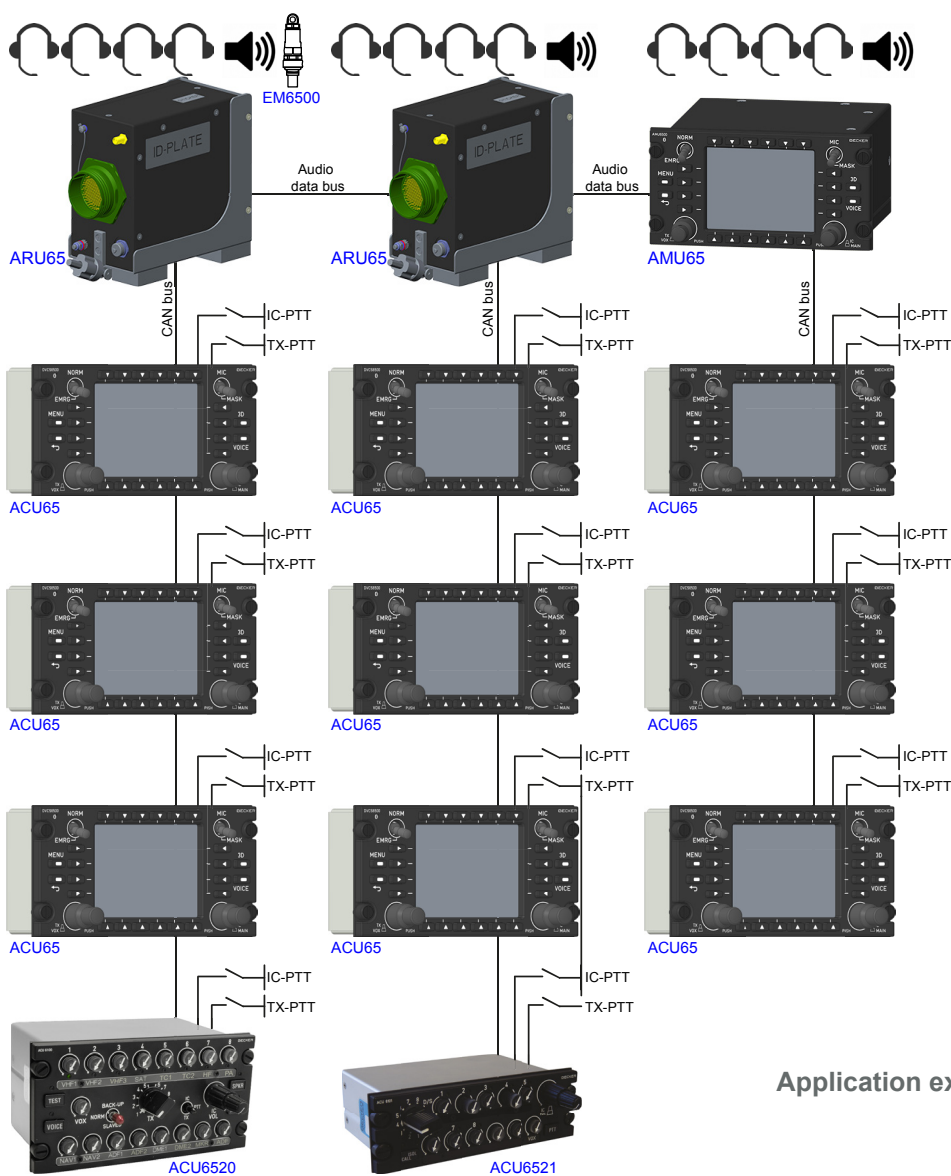


AIR TRAFFIC MANAGEMENT



- 3D Audio
- Certified SelCal
- Guard Radio
- Winchman
- Dynamic 3D

- Radio Management
- Split HMI
- Intercom Conference
- Easy device change thru replaceable external memory module for configuration



Application example



LIGHT & SPORT AVIATION



BUSINESS & COMMERCIAL AVIATION



SPECIAL MISSIONS



AIR TRAFFIC MANAGEMENT

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.

- Allows for a single operator or up to 12 operators (9 of which can be full stereo) to manage up to 12 transceivers and 21 additional audio inputs for e.g., receivers or warning tones.
- 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.
- Bluetooth connection to allow handheld portable radios or cell phones to be directly connected to the system.
- Cockpit voice recorder capability included.

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.

- 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.



Audio Management Unit



Audio Remote Unit with mounting tray



Audio Control Unit

AMU6510 - Audio Management Unit

The Becker Avionics AMU6500/AMU6510 is the combination of the control unit and system architecture in a single-block unit. The AMU6500/AMU6510 can be operated as a standalone digital audio management unit or as part of a mission tailored system in combination of the hardware from the DVCS6500 family. 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.

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 audio control units or can be connected to a glass cockpit.

ACU6510 - Audio Control Unit

The Becker Avionics ACU6510 is the operating panel for the DVCS6500 system. With the integration of the ACU6510 in the DVCS6500 system it is possible to provide an individual control panel to all (12) 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.





Intercom
Conference

Split HMI

Radio
Management

Certified
SelCal

