# LUN3573.01 - Aircraft intercom

Type designation: **LUN3573.01**

PN (RN): **3001.100.01**

This aircraft intercom comes in two versions - single-seat and two-seat, featuring communication between crew members. It is sufficiently universal to be used in aircraft made by other manufacturers.
The aircraft intercom is located in the pilot's cockpit. It is attached to the panel by four DZUS-type quick fasteners and therefore easily and quickly replaceable. If installed with the front panel facing up, it is resistant against dripping water that may condense in the cockpit in very humid environment. The unit is linked to the aircraft through two connectors on the rear panel. All controls are located on the front panel, controlling AF signal volume pots, „hot microphone" switch, top and bottom antenna switch and backup control stopped switch. The controls have dedicated shapes so the pilot can differentiate among them by touch.

## Technical parameters

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| **BASIC PARAMETERS** | |
| **Weight** | max. 1.2 kg |
| **Dimensions [w x h x d]** | 146 mm x 95.3 mm x 103 mm |
| **Supply voltage** | 28 V according to MIL-STD-704E |
| **Current consumption (U = 28 V)** | max. 0.5 A |
| **FUNCTION PARAMETERS** | |
| **Microphone inputs** | |
| **- primary microphone input** | 0.4 mVrms/5 Ω |
| **- secondary microphone input** | 2 mVrms/300 Ω |
| **- microphone input for ground personnel** | 0.4 mVrms/5 Ω |
| **Audio inputs** | |
| **• with volume regulation** | 7 asymmetrical lines |
| **VOR – navigation system** | 7.07 Vrms/1000 Ω |

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|---|---|
| **DME – rangefinder** | 5 Vrms/1000 Ω |
| **IFF – identifier** | 1.06 Vrms/300 Ω |
| **RWR – radar warning receiver** | 3.54 Vrms/300 Ω |
| **MSL – rocket** | 36 Vrms/5000 Ω |
| **COM1 - transceiver 1** | 6.5 Vrms/2000 Ω |
| **COM2 - transceiver 2** | 6.5 Vrms/2000 Ω |
| **• no volume regulation** | 2 asymmetrical lines |
| **MKR – signal receiver** | 5 Vrms/1000 Ω |
| **CNATEN - backup output of transceiver 1** | 12.2 Vrms/>10000 Ω |
| **Logical inputs** | |
| **• active at GND level** | 5 inputs |
| **DH – dangerous height** | |
| **MASTER – central signaling** | |
| **ACCEL - accelerometer** | |
| **R1 - reserve** | |
| **R2 – reserve** | |
| **• active at +28 V** | 2 inputs |
| **R3 – reserve** | |
| **R4 - reserve** | |
| **Audio outputs** | |
| **pilots earphone output** | 1 W/10 Ω |
| **earphone output for the ground operator** | 1 W/10 Ω |
| **modulation output** | 2 lines 1.5 V/150 Ω |
| **output for VCR** | 2 lines 1.326 V/47 kΩ |

**Resistance against environmental impact complies with RTCA/DO-160C**

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