

# European Aviation Safety Agency

## European Technical Standard Order

**Subject:** Audio Systems and Equipment

### 1 — Applicability

This ETSO provides the requirements which Audio Systems and Equipment that are designed and manufactured on or after the date of this ETSO must meet in order to be identified with the applicable ETSO marking.

### 2 — Procedures

#### 2.1 — General

Applicable procedures are detailed in CS-ETSO, Subpart A.

#### 2.2 — Specific

None.

### 3 — Technical Conditions

#### 3.1 — Basic

##### 3.1.1 — Minimum Performance Standard

Standards set forth in the RTCA DO-214A, Audio Systems Characteristics and Minimum Performance Standards for Aircraft Audio Systems and Equipment, dated 18 December 2013.

##### 3.1.2 — Environmental Standard

See CS-ETSO, Subpart A, paragraph 2.1.

##### 3.1.3 — Computer Software

See CS-ETSO, Subpart A, paragraph 2.2.

##### 3.1.4 — Electronic Hardware Qualification

See CS-ETSO, Subpart A, paragraph 2.3.

#### 3.2 — Specific

None.

##### 3.2.1 — Failure Condition Classification

See CS-ETSO, Subpart A, paragraph 2.4.

### 4 — Marking

**ETSO-C139a**

4.1 — General

Marking as detailed in CS-ETSO, Subpart A, paragraph 1.2.

4.2 — Specific

None.

**5 — Availability of Referenced Document**

See CS-ETSO, Subpart A, paragraph 3.