

**REPUBLIC OF MACEDONIA  
AGENCY FOR ELECTRONIC COMMUNICATIONS**

**RULES  
ON THE CONDITIONS OF DIGITAL TELEVISION EQUIPMENT OPERATION  
USED BY THE CONSUMERS**

**December 2006  
Skopje**

Pursuant to Article 14, item a) and Article 120 of the Electronic Communications Law („Official Gazette of the Republic of Macedonia” No.13/2005), the Commission as a body of the Agency for Electronic Communications, at its meeting held on December 21, 2006, enacted the following

**RULES**  
**on the conditions of digital television equipment operation**  
**used by the consumers**

**Article 1**  
**Subject**

These Rules shall prescribe the conditions of digital television equipment operation used by the consumers.

**Article 2**  
**Definitions**

(1) The definitions used in these Rules, shall have the following meaning:

1. **Digital television equipment for receiving Digital Video Broadcasting – DVB** means electronic communications equipment, intended for exchange and distribution of information, enabling additional services to the user (picture, voice and data transmission with a possibility of an interactive communication usage).

2. **Multimedia Home Platform - MHP** means multimedia home platform between the interactive operating functions and equipment on which the operating functions are integrated.

3. **Application programming interface-API** means the software interface between applications made available by broadcasters or service providers and enhanced digital television equipment for reception of digital television services.

**Article 3**  
**Interoperability of analogue and digital television equipment**

(1) The digital television equipment has to be capable for reception of descrambling signals as well as scrambled signals according to the European common scrambling algorithm - DVB CSA as recommended by a recognised European standards organisation.

(2) Any analogue television set with an integral screen of visible diagonal greater than 42 cm, is to be fitted with at least one open interface socket, as standardised by a recognised European standards organisation, e.g. as given in the CENELEC EN 50 049-1:1997 standard, permitting simple connection of peripherals, including additional decoders and digital receivers for DVB signals.

- (3) Any television set with integrated decoder of digital television signals (DVB), and integral screen of a visible diagonal greater than 30 cm is to be fitted with at least one open interface socket, as standardised by a recognised European standards organisation or conforming to an industry-wide specification adopted by the equipment producers of such area. Such type of a connector (the DVB common interface connector) has to enable simple connection of peripherals, and able to pass all elements of a digital television signal, including information relating to the interactive and conditionally accessed services as determined by the MHP.

#### **Article 4**

### **Responsibilities of the vendors of the equipment**

Vendors offering digital television equipment intended for reception of digital interactive television services on interactive digital television platforms, shall be obliged to offer to the market equipment with open API in conformity with the minimum conditions of the relevant standards and specifications.

#### **Article 5**

### **Interoperability of digital interactive television services**

The providers transmitting digital interactive television services to the public via digital interactive television platforms, regardless the way of their emitting, shall be obliged to use open API.

#### **Article 6**

### **Responsibilities of the operators**

The operators of the application programming interface (API), shall be obliged under fair, reasonable and non-discriminatory conditions, and for an appropriate fee, to make available any information necessary to enable the providers of digital interactive television services to provide in completely operational form all services supported by the API.

#### **Article 7**

### **Entry into force**

These Rules shall enter into force the next day following the date of its publication in the "Official Gazette of the Republic of Macedonia".

Following their entry into force, these Rules shall be published on the Agency website.

AGENCY FOR ELECTRONIC COMMUNICATIONS  
COMMISSION  
Sofce Jovanovska, President

No. 11-60/4  
Skopje, 21.12.2006