

## SPECIFICATIONS

### Tuner section

#### FM

Tuning range:

87.5 MHz – 108.0 MHz

FM tuning step:

50 kHz/100 kHz switchable

Antenna (aerial) terminal:

External antenna (aerial) connector

Intermediate frequency:

FM CCIR: -1,956.5 kHz to -487.3 kHz and  
+500.0 kHz to +2,095.4 kHz

Usable sensitivity: 8 dBf

Selectivity: 75 dB at 400 kHz

Signal-to-noise ratio: 73 dB

Separation: 50 dB at 1 kHz

Frequency response: 20 Hz – 15,000 Hz

#### AM

Tuning range:

531 kHz – 1,602 kHz (at 9 kHz step)

Antenna (aerial) terminal:

External antenna (aerial) connector

Sensitivity: 26  $\mu$ V

### CD Player section (CDE-173EBT/ CDE-170E only)

Signal-to-noise ratio: 95 dB

Frequency response: 20 Hz – 20,000 Hz

Wow and flutter: Below measurable limit

Maximum number<sup>\*1</sup> of:

Folders (albums)<sup>\*2</sup>: 150

Files (tracks) and folders<sup>\*3</sup>: 300

Displayable characters for a folder/file name:  
32 (Joliet)/64 (Romeo)

Corresponding codec: MP3 (.mp3), WMA (.wma)  
and AAC (.m4a)<sup>\*4</sup>

\*1 CD-R/CD-RW only

\*2 including the root folder

\*3 may be less than the measured value if folder/  
file names contain many characters

\*4 CDE-173EBT only

### USB Player section

Interface: USB (Full-speed)

Maximum current:

CDE-173EBT/ UTE-73EBT: 1 A

CDE-170E: 500 mA

The maximum number of recognizable tracks:

– folders (albums): 256

– files (tracks) per folder: 256

Compatible Android Open Accessory protocol  
(AOA): 2.0

Corresponding codec:

MP3 (.mp3)

Bit rate: 8 kbps – 320 kbps (Supports VBR  
(Variable Bit Rate))

Sampling rate: 16 kHz – 48 kHz

WMA (.wma)

Bit rate: 32 kbps – 192 kbps (Supports VBR  
(Variable Bit Rate))

Sampling rate: 32 kHz, 44.1 kHz,  
48 kHz

FLAC (.flac)

Bit depth: 16 bit, 24 bit

Sampling rate: 44.1 kHz, 48 kHz

AAC (.m4a) (CDE-173EBT/ UTE-73EBT only)

Bit rate: 8 kbps – 320 kbps

Sampling rate: 11.025 kHz – 48 kHz

### Wireless Communication (CDE-173EBT/ UTE-73EBT only)

Communication System:

BLUETOOTH Standard version 3.0

Output:

BLUETOOTH Standard Power Class 2  
(Conducted MAX +1 dBm)

Maximum communication range:

Line of sight approx. 10 m (33 ft)<sup>\*1</sup>

Frequency band:

2.4 GHz band  
(2.4000 GHz – 2.4835 GHz)

Modulation method: FHSS

Compatible BLUETOOTH Profiles<sup>\*2</sup>:

A2DP (Advanced Audio Distribution Profile)

1.3

AVRCP (Audio Video Remote Control Profile)

1.3

HFP (Handsfree Profile) 1.6

PBAP (Phone Book Access Profile)

SPP (Serial Port Profile)

Corresponding codec:

SBC (.sbc), AAC (.m4a)

\*1 The actual range will vary depending on factors such  
as obstacles between devices, magnetic fields around  
a microwave oven, static electricity, reception  
sensitivity, antenna (aerial)'s performance, operating  
system, software application, etc.

\*2 BLUETOOTH standard profiles indicate the purpose of  
BLUETOOTH communication between devices.

### Power amplifier section

Output: Speaker outputs

Speaker impedance: 4  $\Omega$  – 8  $\Omega$

Maximum power output: 50 W  $\times$  4 (at 4  $\Omega$ )

### General

Outputs:

Audio outputs terminal:

FRONT, SUB

Power requirements: 12 V DC car battery  
(negative ground (earth))

Rated current consumption: 10 A

Dimensions:

Approx. 178 mm  $\times$  50 mm  $\times$  177 mm  
(7 <sup>1</sup>/<sub>8</sub> in  $\times$  2 in  $\times$  7 in) (w/h/d)

Mounting dimensions:

Approx. 182 mm  $\times$  53 mm  $\times$  159 mm  
(7 <sup>1</sup>/<sub>4</sub> in  $\times$  2 <sup>1</sup>/<sub>8</sub> in  $\times$  6 <sup>3</sup>/<sub>8</sub> in) (w/h/d)

Mass:

CDE-173EBT/ CDE-170E: Approx. 1.2 kg (2 lb  
11 oz)

UTE-73EBT: Approx. 0.8 kg (1 lb 12 oz)

### NOTE:

For product improvement, specifications and design are subject to change without notice.