
AVTransport:2 Service **Annex A– Control Point Requirements**

For UPnP Version 1.0

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Annex A. Control Point Requirements (Normative)

This Annex lists the actions that a Control Point implementation that seeks certification as a UPnP Certified AVTransport:2 Control Point must be capable of invoking.

The following table amends Table 2-20 Actions to add Control Point requirements, and hence supersedes Table 2-20 Actions.

Table A-1: Actions for AVTransport:2 Service

Name	R/O ¹	Control Point R/O ²
<u>SetAVTransportURI()</u>	<u>R</u>	<u>R</u>
<u>SetNextAVTransportURI()</u>	<u>O</u>	<u>O</u>
<u>GetMediaInfo()</u>	<u>R</u>	<u>O</u>
<u>GetMediaInfo_Ext()</u>	<u>R</u>	<u>O</u>
<u>GetTransportInfo()</u>	<u>R</u>	<u>O</u>
<u>GetPositionInfo()</u>	<u>R</u>	<u>O</u>
<u>GetDeviceCapabilities()</u>	<u>R</u>	<u>O</u>
<u>GetTransportSettings()</u>	<u>R</u>	<u>O</u>
<u>Stop()</u>	<u>R</u>	<u>R</u>
<u>Play()</u>	<u>R</u>	<u>R</u>
<u>Pause()</u>	<u>O</u>	<u>O</u>
<u>Record()</u>	<u>O</u>	<u>O</u>
<u>Seek()</u>	<u>R</u>	<u>O</u>
<u>Next()</u>	<u>R</u>	<u>O</u>
<u>Previous()</u>	<u>R</u>	<u>O</u>
<u>SetPlayMode()</u>	<u>O</u>	<u>O</u>
<u>SetRecordQualityMode()</u>	<u>O</u>	<u>O</u>
<u>GetCurrentTransportActions()</u>	<u>O</u>	<u>O</u>
<u>GetDRMState()</u>	<u>O</u> ³	<u>O</u>
<u>GetStateVariables()</u>	<u>O</u>	<u>O</u>
<u>SetStateVariables()</u>	<u>O</u>	<u>O</u>
<u>Non-standard actions implemented by a UPnP vendor go here</u>	<u>X</u>	<u>X</u>

¹ For a device this column indicates whether the action MUST be implemented or not, where R = REQUIRED, O = OPTIONAL, CR = CONDITIONALLY REQUIRED, CO = CONDITIONALLY OPTIONAL, X = Non-standard, add -D when deprecated (e.g., R-D, O-D).

² For a control point this column indicates whether a control point MUST be capable of invoking this action, where R = REQUIRED, O = OPTIONAL, CR = CONDITIONALLY REQUIRED, CO = CONDITIONALLY OPTIONAL, X = Non-standard, add -D when deprecated (e.g., R-D, O-D).

³ REQUIRED if the DRMState state variable is implemented.