



The DPA-102PM power amplifier has an integral web server which gives the ability to remotely control DSP functions, as well as monitor output levels and the status of any DPA amplifier on the network. Some customers may desire third-party control; this can be achieved through HTTP/1.1 POST and GET commands.

Comands:

Replace "IPADDRESS" with the DPA-102PM IP address or Hostname.

- INPUT CH. 1 MUTE: TYPE: GET
 URL: http://IPADDRESS/leds.cgi?led=48

- INPUT CH. 1 UNMUTE: TYPE: GET
 URL: http://IPADDRESS/leds.cgi?led=49

- INPUT CH. 2 MUTE: TYPE: GET
 URL: http://IPADDRESS/leds.cgi?led=50

- INPUT CH. 2 UNMUTE: TYPE: GET
 URL: http://IPADDRESS/leds.cgi?led=51

- INPUT CH. 1 LEVEL: TYPE: POST
 URL: http://IPADDRESS/slider.cgi
 AUTHORIZATION: The username and password should be encoded to Base64 in the following format:
 username:password
 Example: default username admin and password admin would look like admin:admin and encodes to
 YWRtaW46YWRtaW4=
 HEADER: Authorization: Basic YWRtaW46YWRtaW4=
 HEADER: Content-Type: text/plain
 HEADER: Content-Length: X1
 CONTENT/DATA: iGain0=X2
 X1 = Number of characters in content/data.
 Example if content/data = "iGain0=-40" then X1 = 10
 X2 = Volume level in db, valid range 0 to -40

- INPUT CH. 2 LEVEL: TYPE: POST
 URL: http://IPADDRESS/slider.cgi
 AUTHORIZATION: The username and password should be encoded to Base64 in the following format:
 username:password
 Example: default username admin and password admin would look like admin:admin and encodes to
 YWRtaW46YWRtaW4=
 HEADER: Authorization: Basic YWRtaW46YWRtaW4=
 HEADER: Content-Type: text/plain
 HEADER: Content-Length: X1
 CONTENT/DATA: iGain1=X2
 X1 = Number of characters in content/data.
 Example if content/data = "iGain0=-40" then X1 = 10
 X2 = Volume level in db, valid range 0 to -40

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- OUTPUT CH. 1 MUTE: TYPE: GET
URL: http://IPADDRESS/leds.cgi?led=56
- OUTPUT CH. 1 UNMUTE: TYPE: GET
URL: http://IPADDRESS/leds.cgi?led=57
- OUTPUT CH. 2 MUTE: TYPE: GET
URL: http://IPADDRESS/leds.cgi?led=58
- OUTPUT CH. 2 UNMUTE: TYPE: GET
URL: http://IPADDRESS/leds.cgi?led=59
- OUTPUT CH. 1 LEVEL: TYPE: POST
URL: http://IPADDRESS/slider.cgi
AUTHORIZATION: The username and password should be encoded to Base64 in the following format:
username:password
Example: default username admin and password admin would look like admin:admin and encodes to YWRtaW46YWRtaW4=
HEADER: Authorization: Basic YWRtaW46YWRtaW4=
HEADER: Content-Type: text/plain
HEADER: Content-Length: X1
CONTENT/DATA: oGain0=X2
X1 = Number of characters in content/data.
Example if content/data = "oGain0=-40" then X1 = 10
X2 = Volume level in db, valid range 0 to -40
- OUTPUT CH. 2 LEVEL: TYPE: POST
URL: http://IPADDRESS/slider.cgi
AUTHORIZATION: The username and password should be encoded to Base64 in the following format:
username:password
Example: default username admin and password admin would look like admin:admin and encodes to YWRtaW46YWRtaW4=
HEADER: Authorization: Basic YWRtaW46YWRtaW4=
HEADER: Content-Type: text/plain
HEADER: Content-Length: X1
CONTENT/DATA: oGain1=X2
X1 = Number of characters in content/data.
Example if content/data = "oGain0=-40" then X1 = 10
X2 = Volume level in db, valid range 0 to -40
- OUTPUT CH. LEVEL LINK: TYPE: GET
URL: http://IPADDRESS/leds.cgi?led=16
- OUTPUT CH. LEVEL UNLINK: TYPE: GET
URL: http://IPADDRESS/leds.cgi?led=15
- RESET AMPLIFIER: TYPE: GET
URL: http://IPADDRESS/leds.cgi?led=22





Status Reads:

CHANNEL LEVEL
AND MUTE STATUS:

TYPE: GET
URL: http://IPADDRESS/setup.xml

RESPONSE: text/xml
<response>
<mGain4>0</mGain4>
<iGain0>0</iGain0>
<iGain1>0</iGain1>
<iGain2>0</iGain2>
<iGain3>0</iGain3>
<nGain0>0</nGain0>
<nGain1>0</nGain1>
<nGain2>0</nGain2>
<nGain3>0</nGain3>
<oGain0>-0</oGain0>
<oGain1>0</oGain1>
<oGain2>0</oGain2>
<oGain3>0</oGain3>
<lThr0>-0.0</lThr0>
<lThr1>-0.0</lThr1>
<lThr2>-0.0</lThr2>
<lThr3>-0.0</lThr3>
<dly0>0</dly0>
<dly1>0</dly1>
<dly2>0</dly2>
<dly3>0</dly3>
<iMute1>0</iMute1>
<iMute2>0</iMute2>
<iMute3>0</iMute3>
<iMute4>0</iMute4>
<oMute1>0</oMute1>
<oMute2>0</oMute2>
<oMute3>0</oMute3>
<oMute4>0</oMute4>
</response>





Status Reads:

SIGNAL LEVEL
AND PROTECT STATUS:

TYPE: GET
URL: <http://IPADDRESS/status.xml>

RESPONSE: text/xml

```
<response>
<led0>0</led0>
<led1>0</led1>
<led2>0</led2>
<led3>0</led3>
<led4>0</led4>
<led5>0</led5>
<led6>0</led6>
<led7>0</led7>
<iRdy1>0</iRdy1>
<oRdy1>0</oRdy1>
<oClip>0</oClip>
<oLim>0</oLim>
<iLv1>0</iLv1>
<iLv2>0</iLv2>
<iLv3>0</iLv3>
<iLv4>0</iLv4>
<oLv1>0</oLv1>
<oLv2>0</oLv2>
<oLv3>0</oLv3>
<oLv4>0</oLv4>
</response>
```

