

DS Instruments - PA/GB Amplifier SCPI Command List (v3.1 Sept 2022)

| Command | Example 1 | Example 2 | Description |
|---------------|---------------|------------------|---|
| GAIN | GAIN 10 | | Set the gain in 0.5dB steps - 0 to 31 |
| GAIN? | | | Return gain value |
| OUTP:STAT ON | | | Turn ON the amplifier |
| OUTP:STAT OFF | | | Turn off the amplifier |
| OUTP:STAT? | | | Return status of the amplifier |
| *SAVSTATE | | | Save gain & RF output state as the boot-up defaults |
| *IDN? | | | Return the SCPI identification string |
| *PING? | | | returns "PONG!" if device is responding |
| *RST | | | Reset unit now |
| *CLS | | | Clears any error codes |
| *REV? | | | Get hardware revision |
| *TEMP? | | | Temperature in C |
| *BUZZER | *BUZZER ON | *BUZZER OFF | Mute the buzzer |
| *BUTTONS ON | | | Re-enable front panel buttons after remote control |
| FAN | FAN ON | FAN OFF | Control the cooling fan |
| *SYSVOLTS? | | | Return measured system USB voltage |
| SYST:ERR? | | | Returns any pending error codes |
| SYST:DBG? | | | Returns last debug status message |
| *UNITNAME | *UNITNAME Bob | *UNITNAME DEV-34 | Set a unique name in flash memory |
| *UNITNAME? | | | Return this device's name |

COM Settings: 115200bps, 8bits, 1 stop, no parity, no flow control - Command terminator = linefeed