

# Brio™

Deep Brain Stimulation (DBS)  
Rechargeable Implantable Pulse Generator (IPG)  
MODEL 6788



## SPECIFICATIONS

Current delivery	Constant current
Number of leads supported	2 leads
Contacts supported by IPG	16 contacts
Current path options	Monopolar Bipolar Multipolar
Stimulation modes	Continuous mode Cycle mode
Patient amplitude control	Yes
Storage temperature	-10–55°C
IPG kit storage humidity	10–90%
IPG kit storage pressure	70–106 kPa
IPG operational pressure	70–150 kPa
Materials	Can—titanium Header—silicone
Maximum recommended implant depth	2.5 cm

## STIMULATION PARAMETERS

Maximum amplitude	12.75 mA
Minimum amplitude step size	0.05 mA
Number of amplitude settings	256
Frequency range	2–240 Hz
Minimum Frequency step size	2 Hz
Number of frequency settings	120
Pulse width range	50–500 µs
Pulse width step size	12.5 µs
Number of pulse width settings	37

## DIMENSIONS

Height x width x depth (mm)	48 x 53 x 10
Volume	18 cc
Weight	29 g

## BATTERY

Battery life approval	10 years, open-ended <sup>a</sup>
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### Recharge interval<sup>b</sup>

(Days between necessary recharges)

Low (2 mA, 60 µs, 120 Hz)	75 days
Medium (4 mA, 90 µs, 120 Hz)	36 days
High (6 mA, 90 µs, 180 Hz)	14 days

<sup>a</sup> At least 24 hours between recharges at 10 years using high settings  
<sup>b</sup> Estimated with 750 ohms impedance using bilateral stimulation



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MORE CONTROL. LESS RISK.

St. Jude Medical is focused on reducing risk by continuously finding ways to put more control into the hands of those who save and enhance lives.

PROOF

ATRIAL FIBRILLATION

CARDIAC RHYTHM MANAGEMENT

CARDIOVASCULAR

NEUROMODULATION

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**Indications for Use:** St. Jude Medical Neuromodulation Division Deep Brain Stimulation (DBS) Systems are indicated for use in unilateral or bilateral stimulation of the thalamus, internal globus pallidus (GPi), or subthalamic nucleus (STN) in patients with levodopa-responsive Parkinson's disease.

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