



TECHNICAL REQUIREMENTS FOR WESTWOOD ONE X-DIGITAL (XDS) DOWNLINK

Includes CBS News, CBS Sports Radio, Westwood One News, CNBC, Gordon Deal, Market Scoreboard, Your Money Now, Mark Levin, Michael Savage, Phil Valentine, certain 24-hour music formats and Satellite Services syndicators, among other programming

These Westwood One products and services are fed in the following configurations:

Current (and future) configuration:

C-Band Satellite: SES Americom 18 (AMC-18), 105 degrees West Longitude, Transponder 17
L-Band Frequency: 01121000 kHz, 9259574 sps, 3/4 FEC

Temporarily (until June 30, 2017):

C-Band Satellite: SES Americom 8 (AMC-8), 139 degrees West Longitude, Transponder 23
L-Band Frequency: 01000500 kHz, 9259574 sps, 3/4 FEC

To receive these programs, your station will need:

1. Satellite Dish: We recommend a solid dish of at least 3.8 meters in diameter.

DawnCo	(248) 391-9200
DH Satellite	(608) 326-8406
Superior Satellite	(406) 257-9590

2. LNB: You must use a C-band Phase-Locked Loop (PLL) LNB. Local oscillator stability +/- 25 kHz or tighter. Noise temperature 45°K or less. Gain 55 to 70 dB.

Dawn Satellite:	(248) 391-9200
Norsat:	(604) 292-9000

3. Receiver: X-Digital (XDS) Pro-4 or Pro-4Q
(Often supplied by your network or syndicator)
May also be purchased from:
Broadcasters General Store, buck@bgs.cc or (352) 622-7700
Orbital Media Networks (OMNi) (303) 925-1708
(formerly Clear Channel Satellite Services)

Self-start documents are at <http://myxdsreceiver.cmneng.com>. Mouse over the Help menu, no password required. For other questions, please contact Westwood One XDS Technical Services at (914) 908-3210 or techservices@westwoodone.com